NATIONAL CHEMICAL RESIDUE MONITORING PROGRAM

REPORT

2007-2008
ANNUAL REPORT

Foods of Plant and Animal Origin

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Executive Summary

The Canadian Food Inspection Agency (CFIA) is responsible for monitoring the food supply for chemical residues and contaminants, and determination of compliance with maximum residue limits (MRLs), tolerances and standards established by Health Canada. This report describes the monitoring activities undertaken by the CFIA in 2007-2008 as part of the National Chemical Residue Monitoring Program (NCRMP).

The NCRMP has operated annually since 1978. Information obtained through this program enables the CFIA to verify compliance with Canadian standards and take appropriate action, as well as to identify trends over time, gauge the effectiveness of policies and programs, and develop strategic plans to minimize potential health risks to Canadians. The NCRMP sampling plans are developed in accordance with internationally accepted Codex Alimentarius principles and guidelines. Samples are analyzed for various chemical residues and contaminants using validated multi-residue and single residue methods by CFIA laboratories and accredited contract laboratories. The results are assessed for compliance with established Canadian standards; follow-up and enforcement action is taken as necessary.

In the context of the 2007-2008 NCRMP, over 190, 000 tests for residues of veterinary drugs, pesticides, environmental contaminants, mycotoxins, and metals were performed on monitoring samples of domestic and imported dairy, eggs, honey, meat and poultry, fresh and processed fruit and vegetable commodities and maple syrup. The results of the 2007-2008 NCRMP are summarized and discussed in this report.

All detected chemical residues or contaminants were evaluated to determine if they were compliant with Canadian standards. Overall, compliance rates were high for all commodities tested and the results observed were consistent with those seen in previous years. Similar results were observed for domestic and imported products, and there was no clear relationship between compliance rate and country of origin. Foods of animal origin (dairy, eggs, honey, meat and poultry) were tested for veterinary drug residues, and compliance rates ranged from 98.45 to 99.97%. The majority of violations observed were for commodity-drug combinations for which no MRL has been established. The compliance rate for pesticide residues in all commodities tested ranged from 98.24 to 100%. Most pesticide residue violations were associated with pesticides that did not have an established MRL. Only dairy products were tested for mycotoxins, and the compliance rate was 100%.

All violations were assessed to determine whether they posed potential health risks to consumers and appropriate follow-up action was pursued. These actions may include notification of the producer or importer, follow-up inspections, further directed sampling according to a surveillance plan, or even recall of products if the health risk is considered unacceptable. Follow-up actions vary according to the magnitude of the health risk, with the objective of preventing any repeat occurrence or further distribution of the product in the marketplace.

1.0 General Introduction

The Canadian government operates an extensive food safety program designed to ensure that food available to Canadians is safe and compliant with established standards. In addition to food safety programs implemented by industry and regular inspection programs, an essential aspect of food safety is the control of chemical residues that may result from the use of veterinary drugs and pesticides, or from incidents involving environmental contaminants. The Canadian Food Inspection Agency (CFIA) and Health Canada each have specific roles and responsibilities in Canada's residue control system.

Health Canada establishes Maximum residue limits (MRLs) for pesticide residues and veterinary drug residues for all foods sold in Canada, whether produced domestically or imported. The MRL is the level of a residue in a food that has been determined to be safe for human consumption. Health Canada's Pest Management Regulatory Agency (PMRA) is responsible for the registration and regulation of pesticides and the establishment of MRLs under the *Pest Control Products Act* (PCPA). Health Canada's Veterinary Drugs Directorate (VDD) evaluates and monitors the safety, quality and effectiveness of veterinary drugs administered to food-producing animals. The VDD establishes MRLs for veterinary drug residues in meat, poultry, milk, eggs and honey under the *Food and Drug Regulations* (FDR). Both PMRA and VDD are responsible for establishing the human safety of these residues in the Canadian food supply.

Health Canada's Food Directorate is responsible for establishing food safety standards and for the assessment of risk to human health from exposure to food-borne chemical contaminants, including natural toxins, environmental contaminants and metals. While many metals occur in food naturally, they may also be present in food as a result of agricultural chemical use or environmental contamination. When a potential health risk is identified, a tolerance or standard may be established by Health Canada in an effort to reduce exposure to a particular contaminant.

The CFIA is responsible for monitoring the food supply for chemical residues and contaminants and enforcing MRLs, tolerances and standards established by Health Canada. This report describes the monitoring and enforcement activities of the CFIA for 2007-2008. Under the National Chemical Residue Monitoring Program (NCRMP), both domestic and imported foods of plant and animal origin are sampled and analyzed for various residues and contaminants. The results were assessed for compliance with established Canadian standards; follow-up and enforcement action was taken when necessary. The results of the 2007-2008 NCRMP are summarized and discussed in this document.

2.0 Introduction to Monitoring Activities

The overall strategies employed by different countries to monitor their respective food supplies can vary. The international Codex Alimentarius Commission has established guidelines on how to carry out different types of monitoring activities. These guidelines are detailed in the Codex publications "Residues of Veterinary Drugs in Foods" and "Pesticide Residues in Food." These manuals are produced as joint publications of the

Food and Agriculture Organization (FAO) of the United Nations and the World Health Organization (WHO).

These manuals provide a comprehensive description of the approaches used in the development of sampling plans. It is recognized that no government agency can routinely monitor for all residue/commodity combinations, nor is it necessary to do so in order to protect consumers. With a clear understanding of toxicological, pharmacokinetic and physiological parameters, it is possible to quantitatively assess concerns that have the greatest impact on public health.

Sampling activities carried out by the CFIA are in accordance with Codex principles and guidelines. They help to reduce trade barriers and to promote a fair environment for the importation of foods into Canada as well as the exportation of Canadian foods to the world. The results of monitoring activities are a measure of the safety of the Canadian food supply. In addition, monitoring the domestic food supply supports the export of Canadian products to trading partners such as the United States and the European Union.

The random nature of the NCRMP ensures that testing is carried out on foods produced domestically as well as foods imported into Canada. The testing frequency is determined by the importance of the food in the diet, the volume of food produced domestically or imported, and on the compliance history observed. With this balanced approach, fair treatment of domestic producers and importers is ensured. This approach also ensures that Canadian monitoring activities are in line with World Trade Organization (WTO) obligations.

2.1 Program Definitions

Activities carried out by the CFIA as part of its residue control program include monitoring, directed sampling, compliance testing, special surveys and other data gathering activities. Different terminology is used to describe the various activities based on the design and purpose of the sampling and testing. A brief summary of these activities are presented below.

Monitoring consists of statistically based and unbiased random sampling. Analysis of samples provides profile information on the occurrence and/or levels of chemical residues in pre-defined, normal sample populations. The sampled lots are not held and are usually available to consumers before the results are known. In general, no direct enforcement action is taken on the basis of monitoring alone. Monitoring activities are particularly useful for discerning residue trends and identifying potential areas where directed sampling might be indicated.

Directed sampling is biased and directed at targeted sample populations (e.g. commodity types, or geographical locations) to investigate and verify any suspected problems of potential health risk suggested in the monitoring program. Directed sampling is investigative in nature, and can trigger detention of product pending risk assessment and compliance action. All results that violate Canadian standards must be confirmed by prescribed analytical techniques before any follow-up control action is taken.

Compliance testing is directed at specific samples suspected of non-compliance with specific regulations and guidelines governing the sale and distribution of food. The product is detained until the test results indicate the appropriate disposition. The establishment of a chain of custody of the sample is essential if legal proceedings are expected to ensue. Compliance testing is a regulatory control measure to prevent the marketing of, or to remove from market, a product that poses a health risk to the consumer.

Special or pilot surveys are used to gather information about the occurrence of residues that do not meet the requirements of other program components (monitoring, directed, compliance). For example, initial surveys or surveys for components outside of the health and safety criteria such as feed mix (resulting in the transfer of unacceptable residues into the human food) might be included here. These are usually limited in scope and duration.

Blitzes are used to obtain a snapshot in time at some point in the fiscal year. The scheduling of blitzes is unannounced. For example, a blitz may allow for the sampling of every herd presented for slaughter for a specified, usually short, period of time not exceeding two to six weeks.

Legal sampling is undertaken for specific conditions where legal action is the anticipated follow-up action. Certain additional criteria are demanded during the sampling submission and laboratory testing of these samples. Adherence to all quality assurance measures is essential. Legal advice is sought prior to the initiation of such activities.

2.2 Statistical Considerations

When designing a monitoring plan, it is important to note that the primary aim of this type of sampling and testing is not to elucidate dietary exposure patterns or actual exposure in the food as consumed. Rather, the primary aim of the monitoring program is to provide information about the compliance status of the food supply. The information gathered during monitoring activities can be used to refine dietary exposure; however, the different processes and techniques used to produce this data must be considered.

Although the monitoring program is not designed to provide highly accurate statistical estimates of the violation rate of a population, such estimates are conveniently made available as auxiliary information. For example, if no violative samples are detected in a sample size of 300, it is convenient to infer with 95% confidence that the violation rate in the population is less than 1.00%. Although precision decreases rapidly as sample size decreases, useful information can still be obtained from smaller sample sizes. When the sample size is small, data must be collected over a longer period of time before significant inferences can be drawn. With a sample size of 300, seasonal trends may be evident, especially if there is a large seasonal variation. By comparison, seasonal variations would not be as evident with smaller sample sizes.

If initial monitoring indicates that a contaminant in a given food commodity presents a significant problem, sampling plans may be adjusted, but only to the point that such an

effort will aid in the understanding of the problem or facilitate regulatory control. Such increased sampling may permit a study of trends, geographical variation and seasonal prevalence, and thereby aid in the design of effective control strategies. Merely increasing the monitoring sample size without a strategy that first addresses potential benefits from such an increase is of little practical use. Once a problem has been identified by the monitoring program, an effective control strategy would depend on the implementation of effective follow-up or directed sampling rather than on increased monitoring.

It is understood that a pool of 300 distinct samples may not be available for all commodities. Care must be taken in the interpretation of the results when the sample size is small. For the sake of completeness, results for all samples tested in this program are presented in this report even if the sample size is small.

2.3 Legal Authority

Under the *Canada Agricultural Products Act* (CAPA), CFIA inspectors have authority to take samples of agricultural products that are traded or that are intended to be traded inter-provincially or internationally. The routine sampling of agricultural products that are traded and consumed within the same province or territory is the responsibility of the provincial or territorial government.

Under the *Meat Inspection Act*, CFIA inspectors have the power to inspect and take samples for monitoring purposes, as well as sampling any meat product if there are reasonable grounds to believe that the product does not comply with this Act or the Regulations.

Under the *Licensing and Arbitration Regulations*, a Canadian importer, shipper or wholesaler is required to be licensed with the Canadian Food Inspection Agency (CFIA) and/or to be a member of the Dispute Resolution Corporation (DRC). Importers, shippers or wholesalers that are retailers selling directly to consumers with sales under $230 000 per year are exempt from being licensed. It is important to note that an importer, shipper or wholesaler who is not required to be licensed under the *Licensing and Arbitration Regulations* (i.e., due to sales being less than $230 000) is still subject to CFIA sampling if the product they are marketing is traded or intended to be traded inter-provincially or internationally.

Under the *Food and Drugs Act* (FDA), CFIA inspectors may take samples of domestic agricultural products that are traded within a province for consumption within that same province if there are reasonable and probable grounds to believe that there has been a violation of the FDA. Sampling under the authority of the FDA is considered to be directed and falls out of the scope of routine sampling for monitoring purposes.

The *Canadian Food Inspection Agency Act* stipulates that the CFIA is responsible for the enforcement of and the administration of the provisions of the FDA as they relate to food. The FDA prescribes certain restrictions on the production, sale, composition and content

of foods and food products. Paragraph 4 of the Act describes prohibitions on the sale of food:

> 4. No person shall sell an article of food that:
>
> (*a*) has in or on it any poisonous or harmful substance;
>
> (*b*) is unfit for human consumption;
>
> (*c*) consists in whole or in part of any filthy, putrid, disgusting, rotten, decomposed or diseased animal or vegetable substance;
>
> (*d*) is adulterated; or
>
> (*e*) was manufactured, prepared, preserved, packaged or stored under unsanitary conditions.

The standards established by the FDA apply equally to both domestically-produced and imported foods. For chemical residues and contaminants, the most important restrictions are those detailed in sections 4(a) and 4(d). While a food may be in violation of any of the five sections, the restriction most often used by CFIA is the prohibition against the sale of "adulterated" food (4(d)). Standards for "adulteration" can be found throughout the *Food and Drug Regulations* (FDR), but most are found in Division 15. Key sections of Division 15 are outlined below:

> **B.15.001.** A food named in Column III of an item of Table I to this Division is adulterated if the substance named in Column I of that item is present therein or has been added thereto in an amount exceeding the amount, expressed in parts per million, shown in Column II of that item for that food.
>
> **B.15.002.** (1) Subject to subsection (2), a food is adulterated if
>
> (*a*) a pest control product as defined in subsection 2(1) of the *Pest Control Products Act* or its components or derivatives, for which no maximum residue limit has been specified under sections 9 or 10 of that Act for that food, are present in or on the food, singly or in any combination, in an amount exceeding 0.1 part per million; or
>
> (*b*) an agricultural chemical or its components or derivatives, other than a pest control product as defined in subsection 2(1) of the *Pest Control Products Act* or its components or derivatives, are present in or on the food, singly or in any combination, in an amount exceeding 0.1 part per million.
>
> (2) A food is exempt from paragraph 4(1)(*d*) of the Act if the following agricultural chemicals, or their components or derivatives, are the only agricultural chemicals, or components or derivatives of agricultural chemicals, that are present in or on the food, singly or in any combination:
>
> (*a*) a fertilizer;
> (*b*) an adjuvant or a carrier of an agricultural chemical;
> (*c*) an inorganic bromide salt;
> (*d*) silicon dioxide;
> (*e*) sulphur;
> (*f*) viable spores of Bacillus thuringiensis Berliner; or
> (*g*) Kaolin.

(3) Subsection (2) does not apply to a food if there is present in or on the food an agricultural chemical, or a component or derivative of that agricultural chemical, referred to in that subsection that is a pest control product as defined in subsection 2(1) of the *Pest Control Products Act*, or a component or derivative of that product, in respect of which a maximum residue limit has been specified under sections 9 or 10 of that Act for that food.

B.15.003. A food named in Column IV of an item of Table III to this Division is exempt from paragraph 4(*d*) of the Act if the drug named in Column I, and analyzed as being the substance named in Column II, of that item is present in the food in an amount not exceeding the limit, expressed in parts per million, set out in Column III of that item for that food.

Pesticide MRLs are legally established under the *Pest Control Products Act* (PCPA) and appear on Health Canada's List of MRLs Regulated under the PCPA (http://www.hc-sc.gc.ca/cps-spc/pest/part/protect-proteger/food-nourriture/mrl-lmr-eng.php). Pesticide MRLs apply to the identified raw agricultural commodity as well as to any processed food product that contains the commodity. However, where a processed product may require a higher MRL than that specified for its raw agricultural commodity, separate MRLs are specified. According to section B.15.002 of the Food and Drug Regulations, in the absence of a specific MRL, residues of a pesticide or other agricultural chemical must not exceed 0.1 ppm. This is commonly known as the General Maximum Residue Limit (GMRL). In 2006, the Pest Management Regulatory Agency (PMRA) published a proposal to revoke the GMRL, to be replaced by specific MRLs for pesticide/food combinations at levels at or below 0.1 ppm.

The process for establishing MRLs for agricultural chemicals is initiated through the publication of Proposed Maximum Residue Limits (PMRLs) on the Health Canada website (http://www.hc-sc.gc.ca/cps-spc/pest/part/consultations/index-eng.php). The CFIA recognizes that there is no difference between an MRL and a PMRL in terms of scientific validity, therefore enforcement and/or follow-up action is taken when an MRL or PMRL is exceeded.

According to section B.15.003, foods containing veterinary drug residues are adulterated unless the level of the residue found is below the specific MRL listed in Table III of Division 15 of the FDR. MRLs for veterinary drugs are established for edible tissues of meat and poultry, milk, eggs and honey, but not for secondary products such as cheese. Once the scientific assessment has been completed and the MRL promulgation process has been initiated, Administrative Maximum Residue Limits (AMRLs) are posted on Health Canada's website (http://www.hc-sc.gc.ca/dhp-mps/vet/mrl-lmr/mrl-lmr_versus_new-nouveau-eng.php). The CFIA recognizes that there is no difference between an MRL and an AMRL in terms of scientific validity, therefore enforcement and/or follow-up action is taken when either the MRL or the AMRL is exceeded.

There are few veterinary drugs approved for use in beehives, which causes some difficulty for honey producers. In this context, Health Canada and CFIA have amended the joint Policy on Administrative/Maximum Residue Limits (AMRLs/MRLs) for Veterinary Drugs in Food Products to include Working Residue Levels (WRLs) for antimicrobial drugs used specifically in the production of honey. The WRLs for honey have been derived by extrapolating the lowest established AMRL/MRL values of antimicrobial drugs that are approved for use in other food-producing animals. A thorough human safety assessment has been conducted based on approval of the drug in

other animal species, but gaps remain in the target animal species data package, which would preclude the establishment of an AMRL/MRL. In the derivation of the WRLs, additional safety margins are applied to compensate for these gaps. The WRLs are listed on the VDD website (http://www.hc-sc.gc.ca/dhp-mps/vet/legislation/pol/cfia-acia_amr-ram_intro-eng.php), and are considered by the CFIA when deciding the action to be taken when residues of certain unapproved antimicrobial drugs are detected in honey.

2.4 Enforcement Actions

All findings of measurable chemical residues or contaminants in food products are evaluated to determine if there has been a violation of applicable Canadian standards. Residue levels at or below the MRLs are in compliance and do not require enforcement or follow-up action. When a violation is identified, it is assessed to determine whether it poses a potential health risk to consumers. Appropriate follow-up action is pursued when necessary. These actions can include notification of the producer or importer, follow-up inspections, further directed sampling according to a surveillance plan, or recall of products if the health risk is considered unacceptable. Follow-up actions vary according to the magnitude of the health risk, with the objective of preventing any repeat occurrence or further distribution of items still in the marketplace.

3.0 The National Chemical Residue Monitoring Program (NCRMP)

3.1 Rationale

The National Chemical Residue Monitoring Program (NCRMP) is an important scientific resource in the CFIA's ongoing efforts to protect the food supply. The CFIA concentrates its inspection, sampling and testing resources on the food products and residues where there is the greatest potential for health risks. In 2007-2008, over 190,000 analyses were conducted to monitor the level of chemical residues and contaminants in the food supply.

Information obtained through the monitoring program enables the CFIA to identify violations and take appropriate action, to identify trends, to gauge the effectiveness of policies and programs, and to develop strategic plans to minimize potential health risks to Canadians. Making this information available to the public through the NCRMP annual report, along with the scientific background explanations, is a commitment of the CFIA to enhance consumer awareness in Canada.

3.2 Sampling

The NCRMP is designed to focus on and select foods for testing on the basis of estimated risk. As such, food items consumed in greater quantities by Canadians and those that may be more contaminated and may pose a health concern are sampled and tested in the greatest numbers. The sampling plan is a well-defined schedule that dictates to CFIA inspection staff the time and place that a sample is to be taken and the accredited laboratory that is to receive the sample and test it according to a provided schedule. The schedule will also dictate the commodity types that are scheduled for submission to

laboratories during the year, the time of year that the sample is to be expected and the tests to be completed on those sample submissions.

In accordance with the sampling plan, CFIA inspection staff collect samples of individual lots of domestically-produced and imported foods. Depending on the estimated risk and the form of the product, multiple samples may be taken of an individual lot or single samples may be divided into sub-samples for analysis by several different analytical methods. Domestic samples are collected as close as possible to the point of production in the distribution system; imported samples are collected at the point of entry into Canadian commerce.

3.3 Analysis

Each year, over 190,000 analyses for chemical residues and contaminants are carried out at CFIA laboratories and accredited contract laboratories. These analyses include both single-residue methods, which produce a single result, and multi-residue methods, which may yield up to 300 results per analysis. While the contract laboratories are not required to use CFIA reference methods, methods used must have third party accredited Standard Operating Procedures (SOPs) and meet the minimum limits of detection (LOD), limits of quantitation (LOQ) and reporting limits set out by the CFIA.

Regardless of the choice of method, it must be fit for the intended purpose and it should meet certain validation parameters. Typical validation characteristics for residue analytical methods that should be considered are: recovery, selectivity, specificity, accuracy, linearity/range, precision (repeatability, reproducibility), LOQ and LOD. Maintaining a low LOQ and LOD requires considerable effort on the part of the analytical laboratory. Consequently, the increased cost associated with the increased sensitivity must be balanced with the objectives of the program.

Samples are analyzed for residues of agricultural chemicals and veterinary drugs, mycotoxins, and environmental contaminants including metals. The approach used for each type of compound is described briefly below.

3.3.1 Agricultural Chemicals

Pesticides and other agricultural chemicals are commonly used in conventional agricultural systems. These chemicals help to protect fruit, vegetable and grain crops from damage by pests, increase yields and expand the geographical location in which crops can be grown. Pesticides should be applied according to the label directions and good agricultural practices, and the resulting residues must be not exceed established Maximum residue limits.

Food-producing animals may be also exposed to pesticides and other agricultural chemicals. Pesticide residues may be present in livestock feed or water, insecticides may be applied directly to animals for the control of ticks or flies, and fumigants may be used to control pests in stored grains and in animal houses. Wood that has been treated with chemical preservatives may be used to construct fence posts or other farm structures. As

a result of these factors, agricultural chemical residues may be transferred into animal products such as meat, milk and eggs. Some of the older, more fat soluble organochlorine pesticides, such as DDT, are persistent in the environment and may bioaccumulate in animal tissues. For this reason, older pesticides that are no longer in widespread use may still be found in meat, milk and eggs. Modern pesticides are less persistent, and therefore less prone to bioaccumulation.

In the case of honey, few pesticides are approved for use in Canada for control of mites in beehives. Chemicals are sometimes used as bee repellents to drive the bees away from the hive during honey collection. These chemicals are not regulated as veterinary drugs or pest control products.

Foods of plant and animal origin are monitored for agricultural chemical residues using a variety of analytical methods. Analytical methods capable of simultaneously determining a large number of pesticides residues are used. These multi-residue methods (MRMs) can also detect pesticide metabolites, impurities, and certain environmental contaminants. The MRMs include not only pesticides that are currently registered for use in Canada, but also pesticides that are no longer registered in Canada but may still be used in other countries. For pesticides that cannot be analyzed using MRMs, single residue methods or selective MRMs are used. A single residue method usually determines one analyte; a selective MRM measures a relatively small number of chemically related residues. Selective MRMs are used for the analysis of carbamates, chlorinated phenols and synthetic pyrethrins. Single residue methods are used for the analysis of alar (daminozide), amitraz, thiabendazole, ethylenebisdithiocarbamates, dithiocarbamates, ethylene thiourea, benomyl (carbendazim) and formetanate. Due to their potential use as bee repellents, honey is also analyzed for residues of benzaldehyde, butyric anhydride and phenol using single residue methods. Please see Appendix A for lists of analytes included in the CFIA reference methods for pesticide residue analysis.

3.3.2 Veterinary Drugs

Food-producing animals in conventional production systems are routinely treated with veterinary drugs. Some drugs are administered to individual animals to treat specifc disease conditions, while other drugs are administered to groups of animals, usually through medicated feed or water, for the prevention or treatment of disease or for the purpose of growth promotion. Foods of animal origin are monitored for a wide variety of veterinary drug residues, including antibiotics, hormones and growth promoters. Responsible use of veterinary drugs according to a veterinarian's prescription or label directions should not result in residues that exceed established MRLs. Residue violations may occur if the species, dosages or withdrawal times indicated in the label directions are not followed, or if equipment used to mix or administer drugs is not properly cleaned. Some drugs are banned for use in Canada and residues of these drugs are not permitted in food at any level.

To ensure compliance with federal acts, regulations and standards, front line inspectors and veterinarians carry out inspections in all federally registered meat slaughter and processing establishments and storage facilities. During the inspections at registered

slaughter establishments, the inspector will collect samples and carry out screening tests. Screening tests are used to identify animals that have been treated with antibiotic drugs. Since such animals may contain violative residues of antibiotics, they are held at the plant until the tissues can be further examined by appropriate analytical protocols in a CFIA laboratory. The screening tests used in 2007-2008 include STOP (Swab Test On Premises) and SOS (Sulfa On Site). The SOS tests for sulfonamide antibiotics in swine urine as an indicator of residues in associated carcasses. STOP is a screening test for antibiotic residues based on the principle that if an animal tissue contains an antibiotic residue, fluid from the tissue will inhibit the growth of an indicator organism on a bacterial culture plate.

Dairy, eggs, honey and meat products are monitored for a wide variety of veterinary drugs using single residue and multi-residue analytical methods. Descriptions of the different classes of veterinary drugs monitored and the analytes included in the CFIA reference methods can be found in section 4.2 of this report.

3.3.3 Mycotoxins

Mycotoxins are secondary toxic metabolites of some fungal species that may contaminate food. Exposure to mycotoxins may have adverse acute and/or chronic adverse health effects in animals and humans. Mycotoxins can affect the liver, kidney, nervous, endocrine and immune systems. Several mycotoxins have been classified by the International Agency for Research on Cancer (IARC) as human carcinogens or potential human carcinogens.

Aflatoxins are produced by *Aspergillus* moulds that may contaminate grains and nuts. Aflatoxin B1 has been classified by the IARC as a potential human carcinogen. When cows are fed aflatoxin-contaminated feed, aflatoxin B1 is converted to aflatoxin M1, which is subsequently secreted in the milk. Domestic and imported dairy products are monitored for aflatoxin M1. The Codex level maximum for aflatoxin M1 in milk is 0.5 parts per billion (ppb). The CFIA reference method determines aflatoxin M1 by HPLC with fluorescence detection.

3.3.4 Metals

Although many metals occur in food naturally, they may also be present in food as a result of the use of agricultural chemicals, environmental contamination or processing. While some metals are essential nutrients, exposure to others may be harmful to human health (ie. arsenic, cadmium, mercury, lead).

Some pesticides contain metals such as copper and aluminum, which may result in elevated levels of these metals in food and feed crops. Cadmium is a common contaminant of chemical fertilizers, and may accumulate in certain types of plants. If these plants are fed to animals, cadmium can accumulate in animal tissues. Animal feed is routinely fortified with metals such as cobalt, copper, iron, manganese, selenium and zinc to prevent disease and improve weight gain. Heavy metals such as zinc, copper, nickel, lead, chromium and cadmium may accumulate in the soil when animal manure is

used as fertilizer. Several arsenic-containing drugs are approved for use in feed in Canada. These drugs are used as anti-parasitic agents, and also to improve weight gain and feed efficiency in chickens, turkeys and swine.

Chromium, copper and arsenic can leach out of wood that has been pressure treated. CFIA has advised livestock producers not to use chemically treated wood near livestock feed or food-producing animals because they can transfer potentially harmful levels of these metals and other chemicals into animal products such as meat, milk and eggs. Metals may also enter the food supply as a result of environmental contamination of the soil, water or air.

Food has been processed using lead-containing equipment may have elevated levels of lead. Processed foods may contain elevated levels of certain metals that are approved as food additives (aluminum, titanium) or in packaging materials (tin). Processed foods may also be fortified with essential minerals such as iron.

The CFIA multi-metal laboratory method analyzes for 15 different metals including: aluminum (Al), arsenic (As), boron (B), cadmium (Cd), chromium (Cr), copper (Cu), iron (Fe), mercury (Hg), manganese (Mn), nickel (Ni), lead (Pb), selenium (Se), tin (Sn), titanium (Ti) and zinc (Zn). For testing performed at the contract laboratories, the CFIA does not specify a reference method, but only specifies that the method used must be third party accredited and meet the minimum limits of detection outlined in Appendix B.

4.0 Results of the 2007-2008 NCRMP

The results of the 2007-2008 NCRMP for agricultural chemicals, veterinary drugs, mycotoxins and metals are described below. Each commodity group (dairy, eggs, honey, meat, fresh fruit and vegetables, processed products, maple syrup) is considered separately. This data is also listed in Appendix C.

For agricultural chemicals and veterinary drugs, the number of analyses performed, the number of positive results, the number of violations and the compliance rate is listed for each commodity group. All detected residues were assessed to determine whether the levels were compliant with Canadian MRLs. The identified violations were evaluated, and possible follow-up actions included investigation, directed sampling and product recall.

For mycotoxins, there are few Canadian standards and guidelines established. The Codex standard for aflatoxin M1 in milk is used in the assessment of the results. The number of analyses performed, number of positive results and number of violations are listed.

There are few established tolerances or MRLs for metals in Canadian regulation. The results obtained from the metals analyses can be used to analyze trends in the levels reported, potentially identify any point sources of contamination, and minimize human exposure to high levels of toxic metals. Only the results for the toxic metals (arsenic, cadmium, mercury and lead) are discussed in detail. Positive results were assessed to determine whether they fall within the range considered to be representative of normal

background levels. Higher levels were assessed to determine whether they represented a risk to human health, and appropriate follow-up action was taken as necessary.

4.1 Agricultural Chemicals

4.1.1 Food of Animal Origin

In 2007-2008, the CFIA carried out a total of 12 355 analyses for agricultural chemical residues on monitoring samples of domestic and imported food of animal origin (honey, dairy, eggs, meat). The results for each commodity group are described below.

Honey

Monitoring samples of domestic and imported honey were tested for residues of pesticides and bee repellents using a number of single and multi-residue methods. A total of 1446 analyses for pesticide residues were performed on monitoring samples of domestic honey (see Table 1). There were 31 positive results. The benomyl metabolite carbendazim was detected in two samples and thiabendazole was detected in one sample. Iprodione was detected in 16 different samples; 2-phenylphenol (4), coumaphos (5) and vinclozolin (3) were also detected in some samples. All residues detected were below the GMRL (100% compliance).

Table 1 Summary of agricultural chemical analyses of monitoring samples of domestic and imported honey

Program	No. Analyses	No. Positives	No. Violations	% Compliance
DOMESTIC HONEY				
Pesticides:				
Alar (daminozide)	151	0	0	100
Amitraz	208	0	0	100
Benomyl	152	2	0	100
Dithiocarbamates	41	0	0	100
EBDC	42	0	0	100
ETU	40	0	0	100
Formetanate	215	0	0	100
Imidacloprid	256	0	0	100
Pesticide multi-residue[1]	275	28	0	100
Synthetic pyrethrins[1]	14	0	0	100
Thiabendazole	52	1	0	100
Total:	**1446**	**31**	**0**	**100**
Bee repellents:				
Benzaldehyde	86	40	3	96.51
Butyric anhydride	321	182	163	49.22
Phenol	71	0	0	100
Total:	**478**	**222**	**166**	**65.27**

IMPORTED HONEY				
Pesticides:				
Alar (daminozide)	25	0	0	100
Amitraz	114	6	0	100
Benomyl	50	0	0	100
Dithiocarbamates	43	2	0	100
EBDC	30	0	0	100
ETU	39	0	0	100
Formetanate	64	0	0	100
Imidacloprid	26	0	0	100
Pesticide multi-residue[1]	104	12	0	100
Thiabendazole	34	0	0	100
Total:	**529**	**20**	**0**	**100**
Bee repellents:				
Benzaldehyde	59	40	5	91.53
Butyric anhydride	66	22	13	80.30
Phenol	66	0	0	100
Total	**191**	**62**	**18**	**90.58**

Note 1: Please see Appendix A for a list of analytes included in these multi-residue methods.

A total of 529 analyses for pesticide residues were performed on monitoring samples of imported honey (see Table 1). There were 20 positive results. Amitraz was detected in six samples and dithiocarbamate residues were detected in two samples. Twelve residues were detected using the pesticide multi-residue method, including coumaphos (4) and 2-phenylphenol (4), iprodione, malathion, tricyclazole and piperonyl butoxide. All residues detected were below the GMRL or the LOQ (100% compliance).

A total of 478 analyses for bee repellent residues were performed on monitoring samples of domestic honey. Phenol was not detected in any sample tested. Benzaldehyde was detected in 46.51% of samples tested and the compliance rate was 96.51%. Butyric acid was detected in 56.70% of samples tested and the compliance rate was 49.22%. No MRLs are established for bee repellents in honey and therefore the GMRL of 0.1 ppm applies. It should be noted that low levels of benzaldehyde and butyric acid may occur naturally in honey, and it is impossible to distinguish natural sources from residues resulting from the misuse of these chemicals as bee repellents. The overall compliance rate for bee repellents in domestic honey was 65.27%.

A total of 191 analyses for bee repellent residues were performed on samples of imported honey. Phenol was not detected in any sample. Benzaldehyde was detected in 67.80% of samples tested and the compliance rate was 91.53%. Butyric acid was detected in 33.33% of samples tested and the compliance rate was 80.30%. No MRLs are established for bee repellents in honey and therefore the GMRL of 0.1 ppm applies. The overall compliance rate for bee repellents in imported honey was 90.58%.

Dairy

Monitoring samples of domestic and imported dairy products were tested using the carbamate, chlorinated phenol, synthetic pyrethrin and pesticide multi-residue methods. Please consult Appendix A for a listing of the analytes included in the CFIA reference methods.

A total of 78 tests for pesticide residues were performed on domestic dairy products (cheese) and the compliance rate was 100%. There were no residues detected in any of the samples analyzed with the carbamate (16), chlorinated phenol (13), synthetic pyrethrin (15) or pesticide multi-residue methods (34).

A total of 261 tests for pesticide residues were performed on imported dairy products (cheese, butter) and the compliance rate was 100%. There were no residues detected in any of the samples of imported cheese tested using the carbamate (79), chlorinated phenol (72), synthetic pyrethrin (41) or pesticide multi-residue methods (67). There were no residues detected in samples of imported butter tested for chlorinated phenols (1) or using the pesticide multi-residue method (1).

Eggs

Monitoring samples of domestic and imported eggs were tested using the carbamate, chlorinated phenol, synthetic pyrethrin and pesticide multi-residue methods. Please consult Appendix A for a listing of the analytes included in the CFIA reference methods.

A total of 992 tests for pesticide residues were performed on domestic eggs and the compliance rate was 100%. There were no residues detected in samples tested using the carbamate (245), chlorinated phenol (150), synthetic pyrethrin (260) or pesticide multi-residue methods (337).

A total of 600 tests for pesticide residues were performed on imported eggs and the compliance rate was 100%. There were no residues detected in samples tested using the carbamate (169), chlorinated phenol (69), synthetic pyrethrin (158) or pesticide multi-residue methods (204).

Meat

Samples of domestic and imported meat and poultry products were tested using the carbamate, chlorinated phenol, synthetic pyrethrin and pesticide multi-residue methods. Please consult Appendix A for a listing of the analytes included in the CFIA reference methods.

A total of 7670 analyses for pesticide residues were performed on monitoring samples of domestic meat and poultry; there were a total of 108 residues detected and 26 violations (99.66% compliance). There were no residues detected in any of the 1707 samples tested for carbamates. A total of 2991 samples of domestic meat were analyzed for chlorinated phenols. Pentachlorophenol was detected in 87 samples, and 26 of these exceeded the

GMRL and were identified as violations. A total of 1103 samples of domestic meat were tested for synthetic pyrethrins. Permethrin was detected in four samples and the levels found were compliant with the MRL. A total of 1869 samples of domestic meat were analyzed using the pesticide multi-residue method and there were 17 positive results. The DDT metabolite p,p'-DDE was detected in 15 samples; the levels found were compliant with the MRL. Hexachlorobenzene was detected in two samples of veal; the levels found did not exceed the GMRL.

There were no residues detected in any of the 110 monitoring samples of imported meat and poultry analyzed using the pesticide multi-residue method (100% compliance).

Overall Conclusions for Food of Animal Origin

The CFIA carried out a total of 12 355 analyses for agricultural chemical residues on monitoring samples of domestic and imported honey, dairy, eggs and meat. Overall, few pesticide residues were detected. There were no pesticide residues detected in domestic or imported dairy or egg products (100% compliance). Pesticides residues were detected in some samples of domestic (31/1446 analyses) and imported (20/529 analyses) honey; the levels found were compliant with the GMRL (100% compliance). There were no pesticides residues detected in imported meat products (100% compliance). Some pesticide residues were detected in domestic meat (108/7670 analyses) and the compliance rate was 99.66%. Pentachlorophenol accounted for the majority of the positive results in domestic meat and all of the violations. Compliance rates for bee repellents were lower for domestic (65.27%) than imported honey (90.58%).

4.1.2 Food of Plant Origin

In 2007-2008, the CFIA carried out a total of 20 175 analyses for agricultural chemical residues on monitoring samples of domestic and imported food of plant origin (fresh fruit and vegetables, processed fruit and vegetables, maple syrup). The results for each commodity group are described below.

Fresh Fruit and Vegetables

Overall Compliance Rates

A total of 18 584 tests for pesticide residues were performed on 4164 monitoring samples of domestic and imported fresh fruit and vegetables. An additional 305 tests were performed on directed samples. Directed sampling results for fresh fruit and vegetables can be found in Appendix C. Only results from monitoring activities are discussed below.

Figure 1 illustrates the compliance rates of fresh fruit and vegetable monitoring samples over the last five years. A more detailed five-year compliance summary is presented in Appendix C. While a slight downward trend can be observed for imported samples, compliance rates in both domestic and imported fresh fruit and vegetable commodities remain high at values exceeding 98%.

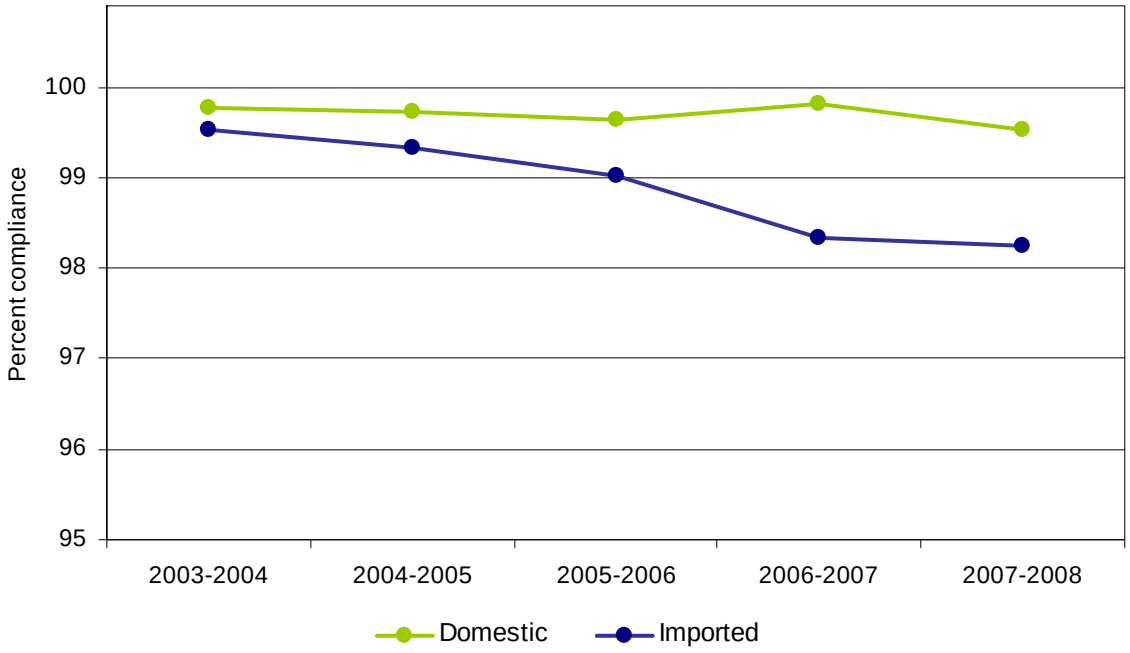


Figure 1 Compliance rates of pesticide residues in monitoring samples of domestic and imported fresh fruit and vegetables from 2003 to 2008

Table 2 below outlines the distribution of monitoring sampling and results for domestic and imported fresh fruit and vegetable commodities in 2007-2008. Each sample was tested with one or more of ten analytical methods: one pesticide multi-residue method and nine single residue methods. Please consult Appendix A for a listing of the 295 analytes included in the pesticide multi-residue method. For the complete list of detected residues, please see Appendix C. Similar results were observed for both domestic and imported samples. The overall compliance rate for fresh fruit and vegetables was 99.53% and 98.24% in domestic and imported commodities, respectively. Full results by commodity are presented in Appendix C.

Table 2 Overview of pesticide residue monitoring of domestic and imported fresh fruit and vegetables

	Domestic	Imported
Sampling		
No. Tests	5313	13 271
No. Samples	1431	3188
No. Commodities	53	98
No. Countries	1	56
Results		
Non-detected	75.76 %	76.16 %
Compliant positive	23.77 %	22.09 %
Violations	0.47%	1.76%
Overall compliance	**99.53 %**	**98.24 %**

Compliance Rates by Country of Origin

Among the 56 countries from which imported fresh fruit and vegetable were sampled in 2007-2008, 26 countries had no pesticide residue violations; these will not be further discussed. Figure 2 below focuses on the remaining 30 countries where pesticide residue violations were observed. Domestic data is included for comparison. The number of compliant positive results was calculated by subtracting the number of violations from the total number of positive results. The compliance rate is the number of compliant positive results divided by the total number of tests. Compliance rates ranged from 75% to 99.61%. The number of tests per country of origin ranged from six to 5313. Countries with less than 100 tests generally had lower compliance rates. China and Guatemala had lower compliance rates despite a sizeable number of tests, 868 and 345 respectively. There was no apparent relationship between the country of origin and the nature of the pesticide residue with two exceptions: 1) 68% of violations from China were attributed to prochloraz residues; 2) 56% of violations from Chile were attributed to chlorpyrifos residues. Regardless of the country of origin, most of the pesticide residue violations were for pesticide-commodity combinations with no specific MRL established and therefore exceeded the 0.1 ppm general MRL.

Compliance Rates by Commodity

Twenty-five violations were identified in domestic fresh fruit and vegetables. These violations were found in 11 of 53 different types of fresh commodities tested for pesticide residues. The remaining 42 commodity types were fully compliant with Canadian regulations. The number of tests, violations and compliance rates for the 11 commodities with violations is listed in Table 3. The complete list of pesticide residues associated with these violations can be found in Appendix C. Commonly grown and consumed fresh fruit and vegetables such as apples, beans, carrots, cucumbers, peppers, and tomatoes were 100% compliant.

Figure 2 **Compliance rates and number of pesticide residue tests in monitoring domestic and imported fresh fruits and vegetables by country**

Table 3 Number of pesticide residue tests, violations and compliance rates in domestic fresh fruit and vegetables by commodity

Commodity	No. Tests	No. Violations	Compliance (%)
Garlic	9	2	**77.78**
Raspberry	27	2	**92.59**
Swiss chard	16	1	**93.75**
Rhubarb	47	2	**95.74**
Apricot	72	3	**95.83**
Onion	38	1	**97.37**
Cabbage	44	1	**97.73**
Lettuce	107	2	**98.13**
Nectarine	56	1	**98.12**
Cabbage	90	1	**98.89**
Potato	826	9	**98.91**

A total of 233 violations were identified in imported fresh fruit and vegetables. These violations were found in 53 of 98 different types of fresh commodities tested for pesticide residues. The number of tests, violations and compliance rates for the 53 commodity types with violations is listed in Table 4. The complete list of pesticide residues and countries associated with these violations can be found in Appendix C. Lower compliance rates (< 95%) were more commonly observed in small sample sizes (<60 samples). However, peas, spinach, papaya, ginger and blueberries had lower compliance rates (90.74 – 94.96%) despite a large number of tests (97 – 270 tests).

Table 4 Number of pesticide residue tests, violations and compliance rates in imported fresh fruit and vegetables by commodity

Commodity	No. Tests	No.Violations	Compliance (%)
Chive	2	1	**50.00**
Thyme	2	1	**50.00**
Longan	5	1	**80.00**
Kumquats	18	2	**88.89**
Pomegranate	21	2	**90.48**
Pea	270	25	**90.74**
Starfruit	56	5	**91.07**
Fig	50	4	**92.00**
Spinach	154	10	**93.51**
Taro root	17	1	**94.12**
Papaya	189	11	**94.18**
Pepper, hot	53	3	**94.34**
Chard	18	1	**94.44**
Ginger	97	5	**94.85**
Blueberry	139	7	**94.96**

Commodity	No. Tests	No.Violations	Compliance (%)
Lychee	41	2	**95.12**
Mangosteen	22	1	**95.45**
Sweet potato	114	5	**95.61**
Passionfruit	24	1	**95.83**
Strawberry	340	14	**95.88**
Leek	103	4	**96.12**
Bean	167	6	**96.41**
Guava	140	5	**96.43**
Orange	1014	28	**97.24**
Pomelo	37	1	**97.30**
Pineapple	161	4	**97.52**
Grapefruit	243	6	**97.53**
Artichoke	125	3	**97.60**
Cantaloupe	96	2	**97.92**
Onion, green	49	1	**97.96**
Lemon	270	5	**98.15**
Mushrooms	108	2	**98.15**
Persimmon	54	1	**98.15**
Potato	342	6	**98.25**
Blackberry	58	1	**98.28**
Radish	59	1	**98.31**
Grape	811	13	**98.40**
Plum	196	3	**98.47**
Pepper, sweet	342	5	**98.54**
Cabbage, Chinese	77	1	**98.70**
Tomato	651	8	**98.77**
Brussels sprout	86	1	**98.84**
Pear	528	6	**98.86**
Nectarine	187	2	**98.93**
Kiwifruit	210	2	**99.05**
Lettuce	432	4	**99.07**
Cherry	121	1	**99.17**
Cabbage	305	2	**99.34**
Banana	309	2	**99.35**
Garlic	186	1	**99.46**
Melon	526	2	**99.62**
Cucumber	351	1	**99.72**
Apple	547	1	**99.82**

Compliance Rates by Pesticide Residue

The majority of pesticide residues detected were compliant with Canadian regulations. In domestic fresh fruit and vegetables, the above-mentioned 25 violations were attributed to 10 different pesticide residues. All other pesticide residues had a compliance rate of 100%. The number of tests, violations and compliance rates for each violative residue is listed in Table 5. Fifteen of the 25 violations (60%) were attributed to fungicide residues. The complete list of commodities in which these violations occurred can be found in Appendix C.

Table 5 Number of pesticide residue tests, violations and compliance rates in domestic fresh fruit and vegetable commodities by residue

Residue	No. Tests	No. Violations	Compliance (%)
Dithiocarbamates	983	10	**98.98**
Thiabendazole	401	4	**99.00**
Ethylene diamine	1005	4	**99.60**
Ethylene thiourea	367	1	**99.73**
Acephate*	1221	1	**99.92**
Captan*	1221	1	**99.92**
Chlorpyrifos*	1221	1	**99.92**
Cyprodinil*	1221	1	**99.92**
Methamidophos*	1221	1	**99.92**
Phorate sulfone*	1221	1	**99.92**

*Analyte of pesticide multi-residue method, see Appendix A

In imported fresh fruit and vegetables, the 233 violations previously mentioned were attributed to 47 different pesticide residues. All other pesticide residues had a compliance rate of 100%. The number of tests and violations for residues (19) with compliance rates below 99.9% are shown in Table 6. The specific commodities and countries of origin in which these violations occurred are listed in Appendix C. The following violations reflect the common application of certain fungicides and insecticides on specific commodities: From a total of 25 benomyl residue violations, 12 occurred in peas originating from China. Thirteen of 17 prochloraz residue violations were in oranges. Eleven of 16 chlorpyrifos residue violations occurred in grapes. Eight of 14 captan residue violations occurred in strawberries. Eight of 14 cypermethrin residue violations were in spinach.

Table 6 Number of pesticide residue tests, violations and compliance rates in imported fresh fruit and vegetable commodities by residue

Residue	No. Tests	No.Violations	Compliance (%)
Dithiocarbamates	1995	42	**97.89**
Benomyl	1750	25	**98.57**
Ethylene diamine	2164	21	**99.03**
Prochloraz*	2763	17	**99.38**
Chlorpyrifos*	2763	16	**99.42**

Residue	No. Tests	No.Violations	Compliance (%)
Captan*	2763	14	**99.49**
Cypermethrin*	2763	14	**99.49**
Iprodione*	2763	8	**99.71**
Thiabendazole	1461	4	**99.73**
Azoxystrobin*	2763	7	**99.75**
Cyfluthrin (I,II,III,IV)*	2763	4	**99.86**
Procymidone*	2763	4	**99.86**
Triadimenol*	2763	4	**99.86**
Formetanate	741	1	**99.87**
Chlorothalonil*	2763	3	**99.89**
Endosulfan Total*	2763	3	**99.89**
Fenpropathrin*	2763	3	**99.89**
Methomyl*	2763	3	**99.89**
Permethrin*	2763	3	**99.89**

*Analyte of pesticide multi-residue method, see Appendix A

A greater number of different violative residues were found in imported fresh fruit and vegetable commodities (47) when compared to domestic commodities (10). With the exception of acephate, all of the violative residues found in domestic commodities were also found in imported samples. The majority of violative residues were fungicides. This is to be expected as fungicides are widely used to control the occurrence and growth of moulds in fresh produce both pre- and post- harvest. Dithiocarbamate residues had the lowest compliance rates for both domestic (98.98%) and imported (97.89%) commodities. Benomyl residues had the second lowest compliance rate in imported commodities (98.57%) but were fully compliant (100%) in domestic commodities. Dithiocarbamate and benomyl residue violations were largely found in commodities for which specific MRLs have not been established.

Pesticide Residue Prevalence

The prevalence of detected pesticide residues was examined in domestic and imported fresh fruit and vegetables. Pesticide residue prevalence was calculated as the number of times a residue was detected as a percentage of the total number of samples tested for that residue. A greater variety of pesticide residues were observed in imported commodities (123) when compared to domestic commodities (78). Sixty-nine different pesticide residues were detected in both domestic and imported commodities. The figures below illustrate the ten most prevalent pesticide residues in domestic (Figure 3) and imported (Figure 4) fresh fruit and vegetables. Complete pesticide residue prevalence data can be found in Appendix C.

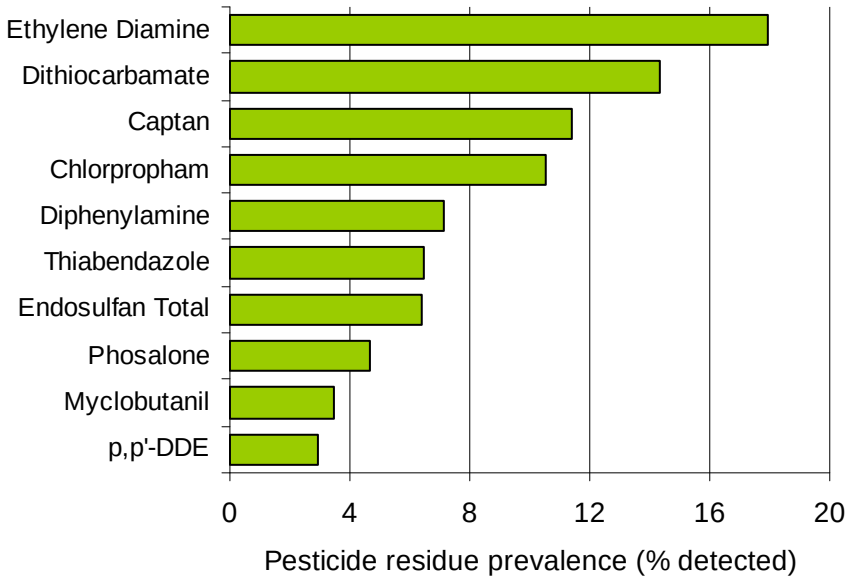


Figure 3 **Pesticide residue prevalence in domestic fresh fruit and vegetable commodities**

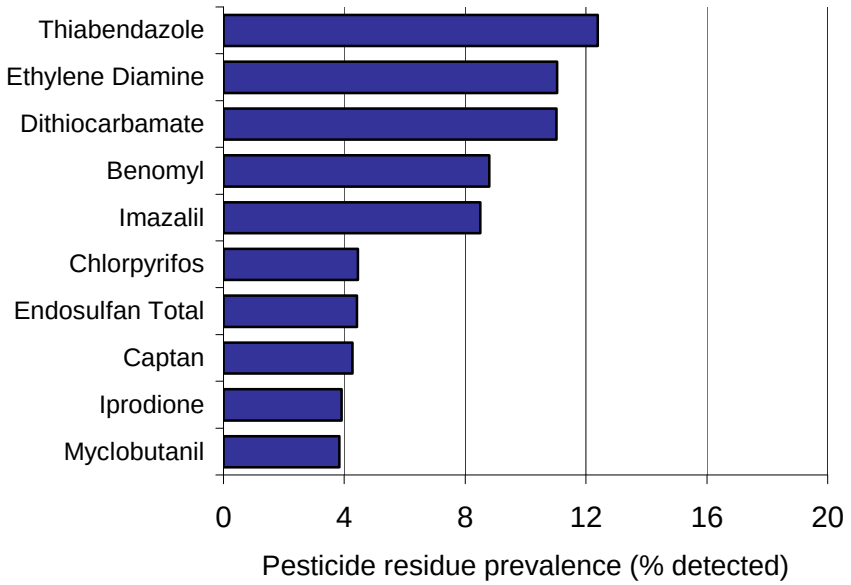


Figure 4 **Pesticide residue prevalence in imported fresh fruit and vegetable commodities**

Ethylene diamine (EDA), a metabolite of ethylenebisdithiocarbamate (EBDC) fungicides, was the most prevalent pesticide residue in domestic commodities (17.91%); it was detected in 180 of 1005 samples tested. Apples and potatoes, which are widely produced and consumed domestically, represent the largest proportion of domestic samples collected and are largely responsible for the high overall prevalence of this residue (EDA

was detected in 72 of 236 samples of domestic apples and 65 of 177 samples of domestic potatoes). Ethylene diamine was the second most prevalent pesticide residue detected in imported commodities (11.04%). Dithiocarbamate residues were commonly detected in a variety of domestic (14.34%) and imported (11.03%) fresh fruit and vegetables.

Residues of the fungicides captan and diphenylamine were more commonly detected in domestic commodities (11.38% and 7.13%, respectively) than imported commodities (4.27% and 2.68%, respectively). This difference may be attributed to the large number of domestic apple samples tested and the relatively high prevalence of captan (98 of 267 samples) and diphenylamine (86 of 267 samples) in domestic apples. Phosalone was detected in 4.67% of domestic samples tested, but it was not detected in any of the imported commodities. Phosalone is used in apple orchards to control insect pests; it was detected in 52 of 267 domestic apples tested. Residues of the herbicide chlorpropham were also more prevalent in domestic (10.57%) than imported samples (2.14%). Chlorpropham, which is used to inhibit potato sprouting, was detected in a large proportion of domestic potato samples (127 of 181 samples), contributing significantly to the high overall prevalence of this residue in domestic samples.

Thiabendazole and benomyl residues were more prevalent in imported commodities (12.39% and 8.80%, respectively) than domestic commodities (6.48% and 2.93%, respectively). These fungicides are applied to a wide range of fruit and vegetables. Imazalil and chlorpyrifos residues were more commonly detected in imported (8.51% and 4.45%, respectively) than domestic commodities (0.08% and 1.39%, respectively). This can be explained by their use on citrus fruit and small tree fruit that are not grown in Canada.

Multiple Residue Frequency

Figure 5 below illustrates the distribution of domestic and imported fresh fruit and vegetable samples with zero, one or more than one residue. No distinction was made between violative and compliant residues. Patterns in pesticide residue frequency were similar for domestic and imported samples; 50.9% of domestic samples tested had no residues detected as compared to 48.3% of imported samples. The percentage of samples with one detected residue was comparable for domestic (26.1%) and imported (25.8%) samples. The percentage of samples with more than one residue detected was slightly higher for imported samples (25.8%) when compared to domestic samples (23.1%). The number of residues detected per sample ranged from zero to six in domestic samples, and from zero to nine in imported samples. The number of samples decreased dramatically with increasing number of residues. The frequency of multiple residues found in a single sample by commodity and country of origin is detailed in Appendix C.

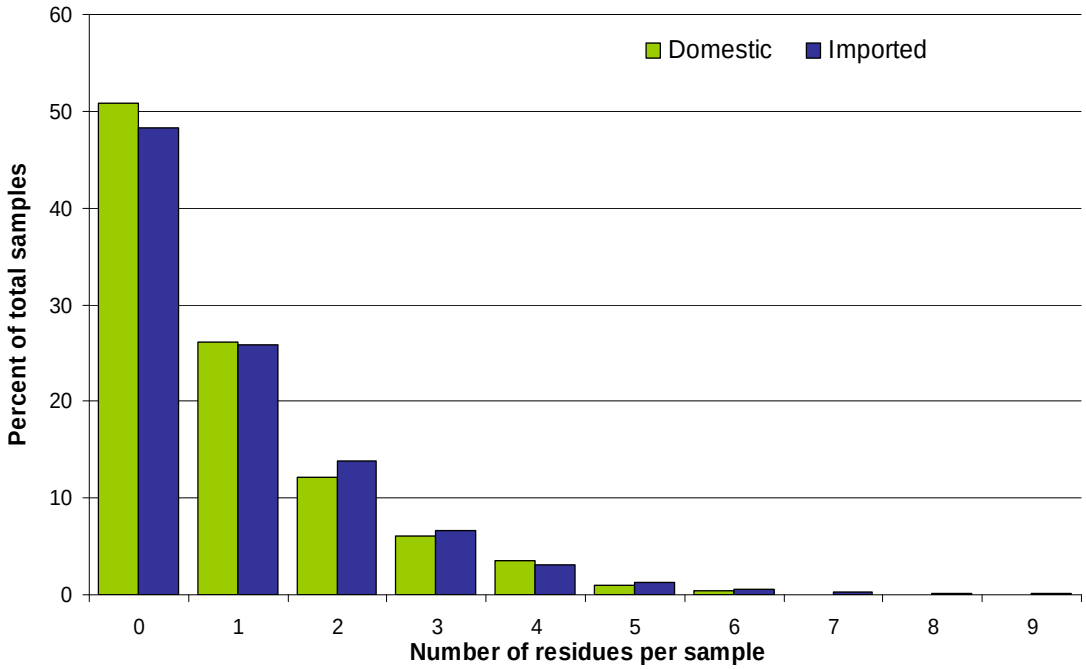


Figure 5 Pesticide residue frequency in domestic and imported fresh fruit and vegetable commodities

Multiple Residue Frequency by Country of Origin

From a total of 57 countries, samples from six countries had no detected pesticide residues. Nine countries had samples with no more than one residue and 42 countries had samples with multiple residues (>1 residue). Table 7 below summarizes the pesticide residue frequency of countries with multiple residues per sample. Only countries with multiple residues in 25% of samples or more are presented; Canada is included for comparison purposes. It is important to note that while 100% of samples for the first six countries listed had multiple residues, a very limited number of samples (one or two) were collected from these countries. Relatively high percentages (35-64%) of multiple residues were observed in samples originating from the following countries despite a substantial number of collected samples (50 or more): Morocco, Spain, South Africa, Argentina, and Guatemala. The frequency of multiple residues was relatively low for countries from which Canada imports a significant amount of fresh fruit and vegetables: United States (1280 samples, 26%) and Mexico (475 samples, 19%).

Table 7 Summary of pesticide residue frequency of domestic and imported fresh fruit and vegetable commodities by country of origin

Country	No. Samples	Percent of samples with		
		0 Residue	1 Residue	> 1 Residue
Japan	1	-	-	**100**
Portugal	2	-	-	**100**
Bahamas	1	-	-	**100**
Cyprus	2	-	-	**100**
Namibia	1	-	-	**100**
Zimbabwe	1	-	-	**100**
Uruguay	6	-	17	**83**
Cuba	3	-	33	**67**
Morocco	50	14	22	**64**
Spain	62	29	18	**53**
Bahrain	2	50	-	**50**
Egypt	2	50	-	**50**
South Africa	78	38	21	**41**
India	5	60	-	**40**
Argentina	55	33	29	**38**
Guatemala	92	37	28	**35**
Pakistan	3	67	-	**33**
Chile	280	44	27	**29**
Taiwan	21	38	33	**29**
Italy	41	52	22	**26**
United States	1280	47	27	**26**
Dominican Republic	34	53	21	**26**
China	201	53	21	**26**
Canada	**1431**	**51**	**26**	**23**

Multiple Residue Frequency by Commodity

Commodities vary in their susceptibility to pests, exposure to pesticide applications and retention of pesticide residues. From a total of 120 commodities sampled, 25 had no detected pesticide residues. Twenty-one commodities had samples with no more than one residue and 74 commodities had samples with multiple residues (>1 residue). Table 8 below summarizes the pesticide residue frequency in commodities with multiple residues per sample. Only commodities with multiple residues in 25% of samples or more are presented. It is important to note that a limited number of samples (one to three) were tested in certain commodities; these results should be interpreted cautiously. Oranges, strawberries, celery, peas, spinach, lemons, grapes and apples displayed relatively high percentages (35-63%) of multiple residues; a substantial number of samples (> 50) were tested for each of these commodities. Commonly consumed fresh fruit and vegetables

like raspberries, bananas, cauliflower, tomatoes, mushrooms, lettuce, and onions had few or no samples with multiple residues.

Table 8 Summary of pesticide residue frequency of domestic and imported fresh fruit and vegetables by commodities

Commodity	No. Samples	Percent of samples with		
		0 Residue	1 Residue	> 1 Residue
Mint	1	-	-	**100**
Chive	1	-	-	**100**
Kumquats	3	-	33	**67**
Plantain	3	33	-	**67**
Orange	224	17	20	**63**
Zucchini	17	35	12	**53**
Strawberry	118	32	18	**50**
Celery	64	28	22	**50**
Chicory	2	-	50	**50**
Pea	75	28	27	**45**
Spinach	53	30	25	**45**
Blackberry	14	36	21	**43**
Lemon	59	34	24	**42**
Grapefruit	71	25	34	**41**
Pomegranate	5	40	20	**40**
Grape	177	36	27	**37**
Apricot	30	27	37	**36**
Papaya	41	32	32	**36**
Pepper, hot	14	43	21	**36**
Apples	460	41	24	**35**
Cucumber	95	45	21	**34**
Starfruit	12	25	42	**33**
Longan	3	67	-	**33**
Potato	295	22	45	**33**
Pear	177	46	23	**31**
Pepper, sweet	89	54	16	**30**
Peach	70	43	27	**30**
Nectarine	57	40	30	**30**
Cherry	61	28	43	**29**
Blueberry	45	40	31	**29**
Broccoli	36	28	44	**28**
Bean	62	52	21	**27**
Cantaloupe	23	43	30	**26**
Chard	4	25	50	**25**
Taro root	4	50	25	**25**

Processed Fruit and Vegetables

Overall Compliance Rate

Table 9 below outlines the distribution of monitoring sampling and results for processed fruit and vegetable commodities in 2007-2008. No domestic samples were collected. Each sample was tested with one or more of eight analytical methods: one pesticide multi-residue method and seven single residue methods. Please consult Appendix A for a listing of the 252 analytes included in the pesticide multi-residue method. For the complete list of detected residues, please see Appendix C. The overall compliance rate for imported processed fruit and vegetables was 99.65%. This result is consistent with compliance rates observed over the last five years. Full results by commodity are presented in Appendix C.

Table 9 Overview of pesticide residue monitoring of imported processed fruit and vegetables

	Import
Sampling	
No. Tests	1414
No. Samples	568
No. Commodities	120
No. Countries	48
Results	
Non-detected	89.39 %
Compliant positive	10.25 %
Violation	0.35 %
Overall compliance	**99.65 %**

Five violations were identified in imported processed fruit and vegetables. These violations were attributed to three different pesticide residues. The commodities and countries of origin in which these violations occurred are presented in Table 10. The number of violations is too small to establish a relationship between the nature of pesticide residues, commodities, and countries of origin.

Table 10 Number of pesticide residue tests, violations and compliance rates in imported processed fruit and vegetable commodities by residue

Residue	**No. Tests**	**No. Violations**	**Compliance (%)**	**Commodity**	**Country of origin**
Ethylene thiourea	338	2	99.40	Asparagus, canned Blackberry pulp	China Colombia
Cypermethrin*	472	2	99.57	Spinach, canned	United States
Ethion*	472	1	99.79	Vegetable, canned	India

*Analyte of pesticide multi-residue method, see Appendix A

Pesticide Residue Prevalence

A total of 28 different pesticide residues were detected in imported processed fruit and vegetables. Figure 6 below illustrates the prevalence of detected pesticide residues. Pesticide residue prevalence was calculated as the number of times a residue was detected as a percentage of the total number of samples tested for that residue. Only residues detected in more than 0.5% of samples tested were included. No distinction was made between violative and compliant residues.

Benomyl (10%) and 2-phenylphenol (7.80%) were the most prevalent pesticide residues detected in imported processed fruit and vegetables. Both were found more frequently in processed commodities as compared to fresh imported commodities (8.80%, 3.66%). In imported processed fruit and vegetables, 14 of the 47 benomyl residues detected were in canned mushrooms from China; 12 of the 37 2-phenylphenol residues detected were in canned pineapple from Thailand. Benomyl and 2-phenylphenol are fungicides applied to a wide variety of fruit and vegetables. Complete pesticide residue prevalence data can be found in Appendix C.

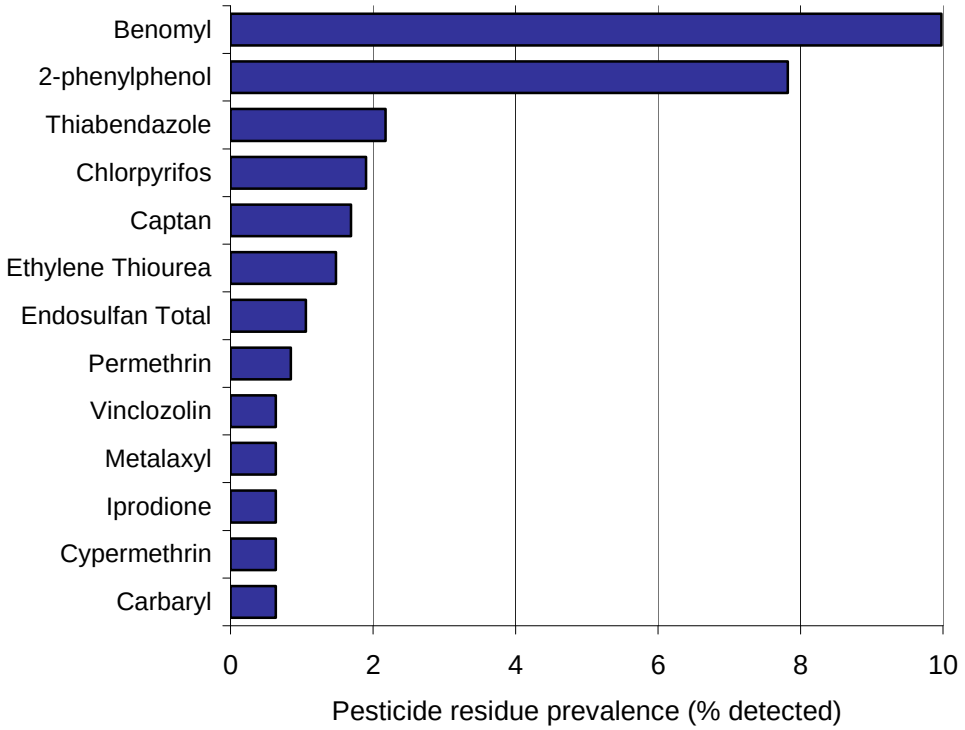


Figure 6 Pesticide residue prevalence in imported processed fruit and vegetable commodities

Multiple Residue Frequency

Out of a total of 568 samples of processed fruit and vegetables tested, 443 samples (77.99%) had no pesticide residues detected, 19.37% of samples had one residue

detected, and 2.64% of samples had more than one residue detected. Figure 7 below illustrates the distribution of imported samples with zero, one or more than one residue. No distinction was made between violative and compliant residues. A much smaller proportion of samples of processed fruit and vegetables (2.64%) had multiple residues when compared to fresh fruit and vegetables (domestic, 23.06%; import, 25.04%). This is to be expected as food processing techniques may eliminate or destroy pesticide residues.

The following three results are noteworthy: 1) one of four samples of canned apples (Netherlands) and one of 14 samples of canned asparagus (China) each had four pesticide residues; 2) the single sample of blackberry pulp (Colombia) collected had eight pesticide residues. The limited number of samples involved makes it difficult to draw conclusions from these results.

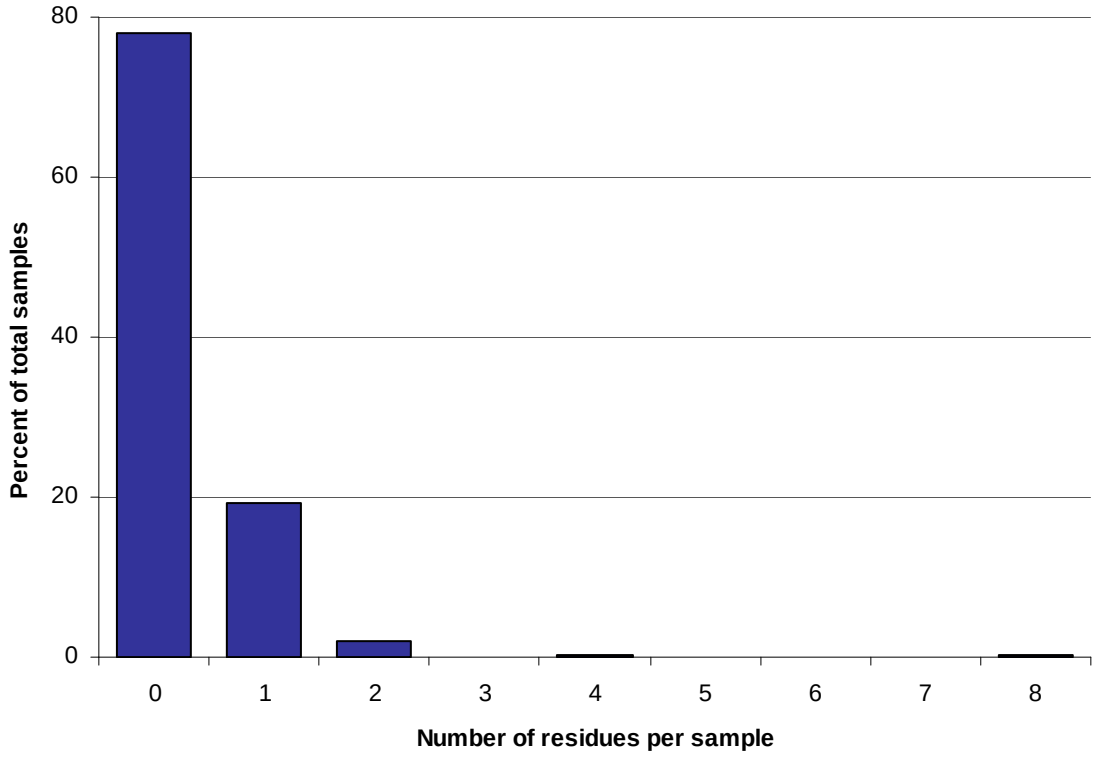


Figure 7 Pesticide residue frequencies in imported processed fruit and vegetable commodities

Maple Syrup

A total of 175 tests for paraformaldehyde residues were performed on domestic maple syrup products. Eight tests were performed on maple candy and 167 tests on maple syrup. No residues were detected; the compliance rate was 100%. Two tests for paraformaldehyde residues were also performed on imported maple syrup. No paraformaldehyde was detected, thus 100% compliance was observed.

Overall Conclusions for Food of Plant Origin

A total of 20 175 analyses for agricultural chemical residues were carried out on monitoring samples of domestic and imported fresh fruit and vegetables (18 584), processed fruit and vegetables (1414), and maple syrup products (177). The overall compliance rate for fresh fruit and vegetables was greater than 98%, and there was no clear difference between the compliance rates for domestic and imported products. A greater number of different violative residues were observed in imported (47) compared to domestic (10) fresh commodities, likely reflecting the diversity of pest pressures worldwide. Dithiocarbamate residues had the lowest compliance rate in both domestic and imported fresh commodities. The majority of pesticide residue violations observed were for pesticide-commodity combinations with no specific MRL. The overall compliance rate for imported processed fruit and vegetables was 99.65%. Pesticide residue prevalence and violation rates were lower in processed fruit and vegetables, as compared to those observed in fresh fruit and vegetables. No pesticide residues were detected in domestic or imported maple syrup products; the compliance rate was 100%.

4.2 Veterinary Drugs

4.2.1 Food of Animal Origin

In 2007-2008, the CFIA carried out a total of 84 617 analyses for veterinary drug residues on monitoring samples of domestic and imported food of animal origin. The compliance rates ranged from 98.45% in imported dairy products to 99.97% in imported meat; the overall compliance rate was 99.51%. Compliance rates for each commodity are described below and depicted in Figure 8.

An additional 1337 tests on were performed on directed samples of suspect domestic and imported honey, eggs and meat. Only results from monitoring activities are discussed below. Directed sampling results can be found in Appendix C.

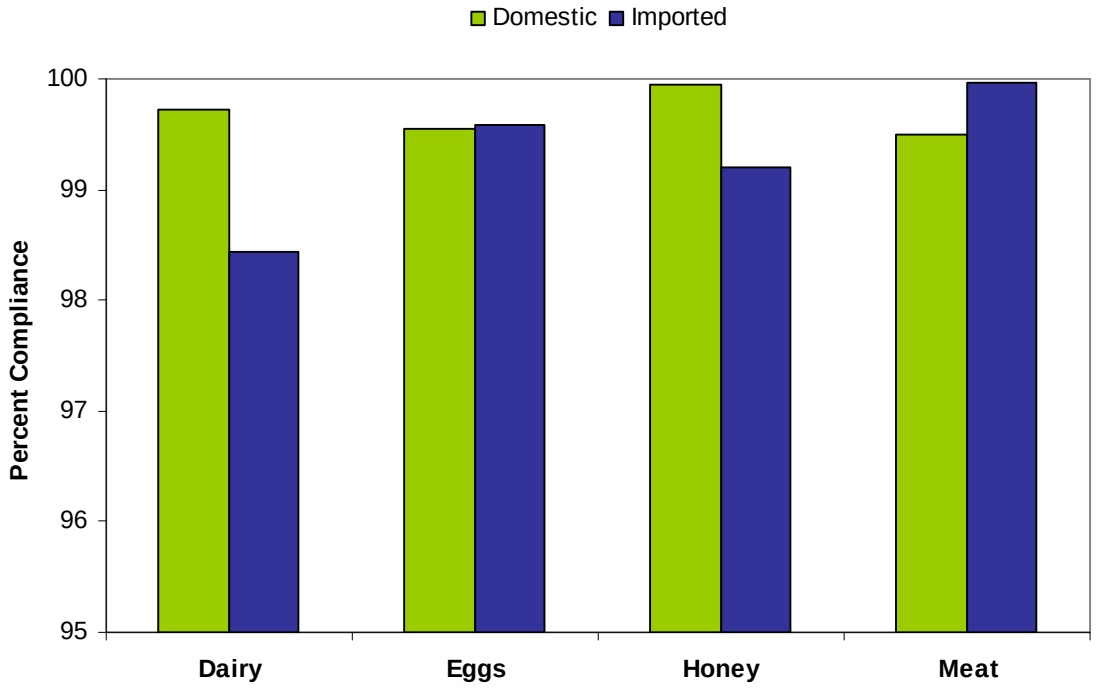


Figure 8 Percent compliance for veterinary drug residues in domestic and imported food of animal origin

Dairy

The CFIA carried out a total of 4358 analyses for veterinary drug residues on monitoring samples of domestic and imported dairy products and the overall compliance rate was 99.31%. There were 2943 analyses carried out on domestic dairy products. There were nine residues detected (0.31% positive) and eight violations (99.73% compliance). A total of 1415 analyses were performed on imported dairy products. There were 28 residues detected (1.98% positive) and 22 violations (98.45% compliance). Although the compliance rate for veterinary drug residues was somewhat higher for domestic (99.73%) than imported (98.45%) dairy products, it should be noted that the nature of the domestic and imported products sampled was quite different. For example, the majority of the domestic samples tested were raw milk, whereas the majority of imported dairy product samples tested were cheese. There are MRLs established for some veterinary drugs in milk, but none are established for manufactured products such as cheese.

Eggs

A total of 8878 analyses for veterinary drug residues were performed on monitoring samples of domestic and imported eggs and the overall compliance rate was 99.56%. A total of 5457 analyses were carried out on domestic eggs; there were 136 residues detected (2.49% positive) and 25 violations (99.54% compliance). There were 3421 analyses performed on imported eggs and 33 residues were detected (0.96% positive); there were 14 violations (99.59% compliance). Compliance rates for domestic and imported eggs were comparable.

Honey

A total of 2493 analyses for veterinary drug residues were performed on monitoring samples of domestic and imported honey and the overall compliance rate was 99.76%. There were 1857 analyses carried out on domestic honey; 50 residues were detected (2.69% positive) and there was one violation (99.95% compliance). A total of 636 analyses were performed on imported honey. There were 30 residues detected (4.72% positive) and five violations (99.21% compliance). Compliance rates for domestic and imported honey were high.

Meat

A total of 68 888 analyses for veterinary drug residues were performed on monitoring samples of domestic and import meat and poultry products; the overall compliance rate was 99.51%. A total of 65 995 analyses were carried out on domestic meat and poultry. There were 1132 residues detected (1.72% positive) and 335 violations (99.49% compliance). A total of 2893 analyses were carried out on imported meat and poultry products. There were seven residues detected and one violation (99.97% compliance). The compliance rates for domestic and imported meat and poultry products were similar; however, a direct comparison is not applicable as the nature of the domestic and imported products sampled are quite different. Domestic meat samples consist of edible tissues (fat, liver, kidney and muscle) collected at the time of slaughter, while imported meat products sampled are often prepared or processed products (corned beef, pepperoni, etc).

Descriptions and results of each of the screening tests and analytical methods used for veterinary drug residue analysis are discussed below.

Antibiotic screening tests

A total of 9405 SOS tests were performed on domestic swine and there were four positive results. Tissues from the urine-positive animals were sent to the laboratory for confirmation and no residue violations were identified in liver or muscle (100% compliance). A total of 1336 STOP tests were performed on normal animals and there were 10 positive screens. Percent compliance has not been calculated for this screening test since drug-specific analytical methods were introduced in 2004-2005.

Anthelmintics

The anthelmintic multi-residue method analyzes for residues of morantel and pyrantel tartrate. Pyrantel tartrate is approved for use in Canada in medicated swine feed for the prevention/treatment of roundworm infection. MRLs are established for pyrantel tartrate residues in swine and for morantel tartrate residues in cattle and milk.

Dairy

This is the first year that anthelmintic residue testing of domestic dairy products has been included in the NCRMP. There were no anthelmintic residues detected in any of the domestic (20) or imported (93) cheese samples tested (100% compliance).

Eggs

There were no anthelmintic residues detected in any of the domestic (238) or imported (173) egg samples tested (100% compliance).

Meat

A total of 1598 analyses for anthelmintic residues were performed in domestic meat and poultry and no residues were detected (100% compliance). Seven samples of imported beef were analysed for anthelmintic residues and none were detected (100% compliance).

Bacitracin

Bacitracin is an antibiotic approved for use in Canada in medicated feed for chickens, turkeys and swine. There is a single residue method for bacitracin A. This is the first year that bacitracin testing has been included in the NCRMP. There are no MRLs established for bacitracin.

Dairy

No bacitracin residues were detected in any of the domestic (10) or imported cheese (22) samples tested (100% compliance).

Eggs

No bacitracin residues were detected in any of the domestic (136) or imported (88) egg samples tested (100% compliance).

Meat

A total of 1732 tests for bacitracin were performed in domestic meat and poultry and no residues were detected (100% compliance). A total of 51 tests for bacitracin were performed in imported meat and poultry and no residues were detected (100% compliance).

β-Agonists

The only β-agonist drug approved for use in food producing animals in Canada is ractopamine. Ractopamine is approved for use in swine and cattle to improve feed efficiency and weight gain. AMRLs have been established for ractopamine residues in swine and cattle. The β-agonist multiresidue method includes the following analytes: brombuterol, cimaterol, clenbuterol, clenpenterol, hydroxyclenbuterol, isoxsuprine, mabuterol, ractopamine, ritodrine, salbutemol, telobuterol and terbutaline.

Dairy

There were no β-agonist residues detected in any of the domestic (17) or imported (60) cheese samples tested (100% compliance).

Eggs

There were no β-agonist residues detected in any of the domestic (175) or imported (129) egg samples tested (100% compliance).

Meat

A total of 1452 analyses for β-agonists were performed in domestic meat and poultry. Ractopamine was detected in 113 samples. The majority of the ractopamine positives were in pork (104) and all were compliant with the AMRL. There were two ractopamine violations: one in beef and one in mutton. Overall, the compliance rate for β-agonists in domestic meat and poultry was 99.86%. Three samples of imported meat were analysed for β-agonists and no residues were detected (100% compliance).

Benzimidazoles

The benzimidazoles are a class of drugs used for the treatment of internal parasitic infections. In Canada, albendazole is approved for use in cattle and fenbendazole is approved for use in cattle and swine. MRLs are established for albendazole residues in cattle and for fenbendazole residues in cattle and swine. The benzimidazole multi-residue method includes the following analytes:, albendazole-2-aminosulfone, cambendazole, carbendazim, fenbendazole, mebendazole, oxfendazole, thiabendazole and 5-hydroxythiabendazole (albendazole, albendazole sulfoxide, albendazole sulfone, flubendazole, oxibendazole and levamisole are optional analytes).

Dairy

This is the first year that benzimidazole testing of domestic dairy products has been included in the NCRMP. Sixteen samples of domestic cheese were analyzed and there were three positive results, two of which were identified as violations (carbendazim, oxfendazole; 87.50% compliance). Out of a total of 76 tests on imported cheese, there were five positive results and four violations (levamisole, albendazole, albendazole sulfoxide, albendazole sulfone; 94.74% compliance).

Eggs

A total of 287 tests for benzimidazole residues were performed on domestic eggs. There was one positive result for oxfendazole that was identified as a violation (99.65% compliance).

A total of 182 tests for benzimidazole residues were performed on imported eggs. Fenbendazole was detected in one sample and there were no violations (100% compliance).

Meat

A total of 1748 analyses for benzimidazole residues were performed in domestic meat and poultry. There were 19 positive results. There were eight violations identified: two for fenbendazole in mutton, four for oxfendazole in mutton, one for oxfendazole in sow and one for levamisole in chicken. Overall, the compliance rate for benzimidazoles in domestic meat and poultry was 99.54%.

There were 21 tests for benzimidazole residues in imported meat and poultry products. There were two positive results and no violations (100% compliance).

Carbadox

Carbadox is an antimicrobial product that was approved for sale in Canada in the 1970s to prevent and treat disease in swine and to maintain weight gain during periods of stress. In 2001, Health Canada issued a Stop Sale Order for carbadox. This decision was based on a better understanding of the science, risk factors, knowledge of misuse of the product and the difficulty in controlling the use of this drug according to label directions. Carbadox remains in use in the United States, but is not approved in other countries (Australia, European Union).

Three analytical methods are used to monitor meat and poultry for carbadox residues. There are single-residue methods for each of the carbadox metabolites quinoxaline-2-carboxylic acid (QCA) and desoxycarbadox, and a multi-residue method that tests for QCA, desoxycarbadox and methyl-3-quinoxaline-2-carboxylic acid (MQCA).

Meat

There were no residues detected in any of the samples of domestic meat and poultry analyzed using the carbadox multi-residue method (869), desoxycarbadox single-residue method (280) or QCA single-residue method (681; 100% compliance).

A total of 46 samples of imported meat and poultry were analyzed using the carbadox multi-residue method, 639 samples were analyzed using the desoxycarbadox single-residue method and one sample was analyzed using the QCA single-residue method. There was one positive result for desoxycarbadox in a sample of pork from the United States (99.85% compliance).

Ceftiofur

Ceftiofur is a broad spectrum cephalosporin antibiotic active against Gram-positive and Gram-negative bacteria, including β-lactamase-producing strains. In Canada ceftiofur is approved for use in swine, cattle and lambs. MRLs have been established for cattle, swine, sheep and milk. There is a single residue method for analysis of ceftiofur residues included in the NCRMP.

Dairy

There were no ceftiofur residues detected in tested samples of domestic cheese (1) and milk (53) (100% compliance). No ceftiofur residues were found in any of the imported cheese tested (54) (100% compliance).

Eggs

This is the first year that eggs were tested for ceftiofur residues under the NCRMP. No ceftiofur residues were detected in any of the samples of domestic (203) or imported (142) eggs tested (100% compliance).

Meat

A total of 2066 monitoring samples of domestic meat and poultry were analyzed for ceftiofur. There was one positive result for beef; however, the level of ceftiofur found was below the MRL (100% compliance). There were no ceftiofur residues detected in any of the 93 imported meat and poultry samples tested (100% compliance).

Clopidol

Clopidol is approved in Canada for continuous administration in feed for the prevention of coccidiosis in broiler chickens and replacements for caged layers up to 16 weeks of age. MRLs have been established for chicken and turkey. There is a single residue method for analysis of clopidol residues included in the NCRMP.

Eggs

No clopidol residues were detected in any of the samples of domestic (136) or imported (71) eggs tested (100% compliance).

Meat and Poultry

A total of 904 monitoring samples of domestic meat and poultry were analyzed for clopidol residues. There were three positive results in chicken that were below the MRL. Three positive results in game bird were identified as violations as there is no MRL. The overall compliance rate for clopidol in domestic meat and poultry was 99.34%.

A total of 55 samples of imported meat and poultry products were analyzed for clopidol residues and no residues were detected (100% compliance).

Decoquinate

Decoquinate is approved for use in Canada in medicated feed for cattle and broiler chickens to aid in the prevention of coccidiosis. MRLs have been established for decoquinate residues in chickens, cattle and goats. There is a single residue method for analysis of decoquinate residues included in the NCRMP.

Dairy

A total of 40 samples of imported cheese were tested for decoquinate and no residues were detected (100% compliance).

Eggs

No decoquinate residues were detected in any of the domestic (194) or imported (122) egg samples tested (100% compliance).

Meat and Poultry

No decoquinate residues were detected in any of the domestic (1548) or imported (240) meat and poultry samples tested (100% compliance).

Dexamethasone

Dexamethasone is a synthetic corticosteroid drug approved for use in Canada on cattle. There are no MRLs established for dexamethasone. There is a single residue method for analysis of dexamethasone residues included in the NCRMP.

Dairy

This is the first year that domestic cheese was tested for dexamethasone. A total of six samples were tested and no dexamethasone was detected (100% compliance). A total of 31 samples of imported cheese were tested for dexamethasone and none was found (100% compliance).

Meat and Poultry

A total of 1986 samples of domestic meat and poultry were tested for dexamethasone and no residues were detected (100% compliance). There were no dexamethasone residues found in any of the 185 imported meat samples tested (100% compliance).

Endectocides

The endectocides are a class of drugs used as a broad spectrum parasiticide against internal and external parasites. In Canada, doramectin is approved for use on cattle and swine, eprinomectin is approved for use on cattle and deer, ivermectin is approved for use on cattle and swine, and moxidectin is approved for use on cattle. MRLs have been established for doramectin in cattle and swine; eprinomectin in cattle; ivermectin in cattle, sheep, and swine; and moxidectin in cattle. The multi-residue method used for the analysis of endectocide residues under the NCRMP includes the following analytes: abamectin, doramectin, ivermectin, eprinomectin, and moxidectin.

Dairy

A total of 263 samples of domestic raw milk were tested for endectocides and there were three positive results and violations for moxidectin (98.86% compliance). Sixty samples of imported cheese were tested for endectocides and no residues were detected (100% compliance).

Eggs

A total of 209 samples of domestic eggs and 139 samples of imported eggs were tested for endectocides and no residues were detected (100% compliance).

Meat

A total of 2963 samples of domestic meat and poultry were tested for endectocide residues. There were 28 positive results; the majority of these were below the MRLs. There were six violations for endectocides: two violations for ivermectin in bison, two violations for ivermectin in horse and two violations for moxidectin in horse. Overall, the compliance rate for endectocide residues in domestic meat and poultry was 99.80%.

Three samples of imported beef were tested for endectocide residues and none were detected (100% compliance).

Fluoroquinolones

The fluoroquinolones are a class of antimicrobial drugs that are used for the treatment of bovine respiratory disease. In Canada, enrofloxacin and danofloxacin are approved for use on cattle, and AMRLs have been established for residues of these two drugs in cattle tissues. The multi-residue method used for the analysis of fluoroquinolone residues under the NCRMP includes the following analytes: enrofloxacin, ciprofloxacin, sarafloxacin, and danofloxacin (ofloxacin and norfloxacin are optional analytes).

Dairy

One sample of domestic cheese was tested for fluoroquinolone residues and none were detected (100% compliance). A total of 81 samples of imported cheese were tested for fluoroquinolone residues. Ciprofloxacin was detected in one sample from Italy; the level detected was less than the LOQ (100% compliance).

Eggs

There were no fluoroquinolone residues detected in any of the samples of domestic (308) or imported (152) eggs tested (100% compliance).

Honey

A total of 195 monitoring samples of domestic honey were tested for fluoroquinolone residues and no residues were detected (100% compliance). A total of 73 monitoring samples of imported honey were tested for fluoroquinolone residues. There were four positive results; two norfloxacin positives were identified as violations (Switzerland). The compliance rate was 97.26%.

Meat

A total of 3007 monitoring samples of domestic meat and poultry were tested for fluoroquinolone residues. There were two positive results for ciprofloxacin in veal and one of these was in violation as it exceeded the LOQ (99.97% compliance). No fluoroquinolone residues were detected in any of the 263 samples of imported meat and poultry tested.

Glycosides

The glycosides are a class of antibiotic drugs with broad spectrum activity. They are used to treat bacterial infections such as bacterial pneumonia, mastitis, bacterial enteritis, and pink eye. Spectinomycin, streptromycin, apramycin, gentamicin and neomycin are approved for use in Canada on a variety of species. MRLs or AMRLs have been established for spectinomycin (chicken), streptomycin (milk), dihydrostreptomycin (milk), apramycin (swine), gentamycin (turkey, swine), and neomycin (cattle, swine, goats, sheep, chicken, turkey, ducks, milk). A WRL has also been established for streptomycin residues in honey. The glycosides multi-residue analysis used in the NCRMP includes the following analytes: spectinomycin, hygromycin, streptomycin, dihydrostreptomycin, amikacin, kanamycin, apramycin, tobramycin, gentamycin, and neomycin. There is also a single residue method for spectinomycin.

Dairy

A total of 414 samples of domestic raw milk were tested for glycosides and no residues were detected (100% compliance). There were no glycoside residues detected in any of the 53 samples of imported cheese tested using the multi-residue method or 30 samples tested using the spectinomycin single-residue method (100% compliance).

Eggs

There were no glycoside residues detected in any of the samples of domestic (260) or imported (164) eggs tested using the multi-residue method (100% compliance). There were no spectinomycin residues detected in any of the samples of domestic (5) or imported (3) eggs tested using the single residue method (100% compliance).

Honey

This is the first year that honey has been tested for glycoside residues under the NCRMP. A total of 130 samples of domestic honey were tested for glycoside residues; there was one positive result for neomycin that was identified as a violation (99.23% compliance). There were no glycoside residues detected in any of the 43 samples of imported honey analyzed (100% compliance).

Meat

A total of 1936 samples of domestic meat and poultry were tested for glycoside residues using the multi-residue method and 283 samples were analyzed using the spectinomycin single-residue method. Overall, there were 56 positive results and seven violations (99.68% compliance). Most of the positive results were in veal, where 44 residues were detected (1 apramycin, 1 dihydrostreptomycin, 41 neomycin, 1 spectinomycin). There was one spectinomycin violation in veal, one in cow and two in piglet. There were three gentamycin violations in horse.

There were no glycoside residues detected in any of the 52 samples of imported meat and poultry analyzed using the multi-residue method or two samples tested using the spectinomycin single residue method (100% compliance).

Halofuginone

Halofuginone is approved in Canada for the prophylactic control of coccidial species in chickens and turkeys. An MRL has been established for halofuginone in chicken. There is a single residue method for analysis of halofuginone residues included in the NCRMP.

Eggs

There were no halofuginone residues detected in any of the samples of domestic (293) or imported (204) eggs tested (100% compliance).

Meat

A total of 1387 samples of domestic meat and poultry were tested for halofuginone and no residues were found (100% compliance).

Ionophores

The ionophores are a class of drugs administered in animal feed to prevent coccidiosis, improve feed efficiency and increase weight gain. In Canada monensin has been approved for use on broiler chickens, growing turkey and cattle; narasin has been approved for use on broiler chickens and swine; salinomycin has been approved for use on broiler chickens, cattle and swine; and lasalocid has been approved for use on broiler chickens, turkey and cattle. MRLs or AMRLs have been established for all of the approved Canadian uses of these drugs. The ionophore drugs are not permitted for administration to laying hens in Canada. The ionophore multi-residue analysis used in the NCRMP includes the following analytes: monensin, narasin, salinomycin and lasalocid.

Dairy

A total of 87 samples of imported cheese were analyzed for ionophore residues. Monensin residues were detected in four samples; however, the levels found were below the LOQ (100% compliance).

Eggs

A total of 367 samples of domestic eggs were tested for ionophore residues. There were 131 positive results and 23 violations (93.73% compliance). A total of 207 samples of imported eggs were analyzed for ionophore residues; there were 27 positive results and 14 violations (93.24% compliance).

CFIA believes that ionophore residue violations in eggs may occur when laying hen feed is contaminated by carryover from a previous batch of broiler chicken feed during feed mixing and preparation.

Honey

There were no ionophore residues detected in any of the samples of domestic (177) or imported (41) honey tested (100% compliance).

Meat

A total of 2243 analyses for ionophore residues were performed on domestic meat and poultry. There were 453 positive results and 88 violations (96.08% compliance). Most of the violations observed were in chicken (41) and mutton (20). Ionophores are permitted for use in chicken feed, and many of the violations were for residues detected in non-target tissues for which no MRL has been established. There are no ionophores approved for use in sheep, and no MRLs are established.

A total of 71 analyses for ionophore residues were performed on samples of imported meat and poultry. There was one positive result for each of narasin and salinomycin in chicken from the United States and no violations (100% compliance).

Macrolides

The macrolides are a class of antibiotic drugs used for treating gram positive bacterial infections. In Canada, erythromycin is approved for use on cattle, sheep, swine, chicken

and turkey, pirlimycin is approved for use on cattle, tilmicosin is approved for use on cattle, sheep and swine, tylosin is approved for use on cattle, chicken, turkey and swine and lincomycin is approved for use on swine and chicken. MRLs or AMRLs have been established for erythromycin (swine, chicken, turkey, milk), pirlimycin (cattle, milk), tylosin (cattle, chicken, turkey, swine), tilmicosin (cattle, sheep, swine), and lincomycin (swine, chicken). WRLs have also been established for residues of erythromycin, lincomycin and tylosin in honey. The multi-residue methods used for analysis of macrolide residues under the NCRMP include the following analytes: erythromycin, clindamycin, josamycin, pirlimycin, spiramycin, tilmicosin, tylosin and lincomycin.

Dairy

A total of 268 samples of domestic raw milk and one sample of domestic cheese were tested for macrolides and no residues were detected (100% compliance). There were no macrolide residues detected in any of the 71 samples of imported cheese analyzed (100% compliance).

Eggs

Out of a total of 438 samples of domestic eggs tested for macrolide residues, there was one positive result and violation for erythromycin (99.77% compliance). A total of 257 samples of imported eggs were tested for macrolide residues; tylosin was detected in four samples; however, the levels detected were below the LOQ (100% compliance).

Honey

A total of 330 monitoring samples of domestic honey were tested for macrolide residues, There were 41 positive results (40 tylosin, 1 erythromycin); the levels detected were below the WRL (100% compliance). A total of 90 monitoring samples of imported honey were tested for macrolide residues. There were seven positive results (6 tylosin, 1 erythromycin); the levels detected were below the WRL (100% compliance).

Meat

A total of 3859 monitoring samples of domestic meat and poultry were analyzed for macrolide residues. There were 82 positive results: lincomycin (46), tylosin (25), tilmicosin (10) and erythromycin (1). The majority of the residues detected were compliant with established MRLs. There were three violations: lincomycin in pork, tilmicosin in pork and tylosin in rabbit. The overall compliance rate for macrolides in domestic meat and poultry was 99.92%. Two samples of imported ham were tested for macrolides and no residues were detected (100% compliance).

Nicarbazin

Nicarbazin is a coccidiostatic drug approved for use in Canada in medicated chicken feed for the prevention of coccidiosis. The test for nicarbazin used in the NCRMP analyzes for both components of the drug, 4,6-dimethyl-2-pyrimidinol and 4,4’-dinitrocabranilide. An MRL has been established for nicarbazin residues in chicken.

Eggs

There were no nicarbazin residues detected in any of the samples of domestic (259) or imported (163) eggs tested (100% compliance).

Meat

There were no nicarbazin residues detected in any of the samples of domestic (874) or imported (190) meat and poultry tested (100% compliance).

Nitrofurans

Nitrofurans are antimicrobial drugs that are banned in Canada for use in food-producing animals. There are no MRLs established for nitrofurans. The multi-residue method used for analysis of nitrofuran residues under the NCRMP includes the following nitrofuran metabolites: 3-amino-2-oxazilidinone (AOZ), semicarbazide (SEM), 1-aminohydroantoin (AHD), and 5-methylmorpholino-3-amino-2-oxazolidone (AMOZ).

Dairy

There were no nitrofuran residues detected in any of the samples of domestic (7) or imported (34) cheese tested (100% compliance).

Eggs

There were no nitrofuran residues detected in any of the samples of domestic (277) or imported (170) eggs tested (100% compliance).

Honey

A total of 230 monitoring samples of domestic honey were tested for nitrofuran residues and semicarbazide was detected in three samples. Semicarbazide is a marker for the banned nitrofuran drug nitrofurazone; however, semicarbazide may also be derived from non-nitrofuran sources. Semicarbazide is also a chemical by-product of azodicarbonamide, a chemical that is used to make the gaskets used to seal jar lids of a range of products, including honey. There is some evidence that semicarbazide can migrate from the lid into the food. Follow-up of these samples indicated that the semicarbazide may have come from the jar lid and not from the use of a drug (100% compliance). A total of 62 monitoring samples of imported honey were tested for nitrofuran residues. Semicarbazide was detected in six samples and further investigation indicated that the semicarbazide may have come from the jar lid. A furazolidone metabolite detected in one sample was identified as a violation (98.39% compliance).

Meat

A total of 2685 monitoring samples of domestic meat and poultry were tested for nitrofurans and no residues were detected (100% compliance). No residues were detected in any of the 170 samples of imported meat and poultry tested for nitrofurans (100% compliance).

Nitroimidazoles

Nitroimidazoles are a class of drugs that are bactericidal against anaerobic bacteria. In Canada, these drugs are banned from use on food-producing animals or animals that are to be slaughtered for food. There are no MRLs established for nitroimidazoles. The multi-residue method for nitroimidazoles includes the following analytes: dimetridazole, dimetridazole metabolite, ronidazole, and metronidazole (ipronidazole metabolite is an optional analyte). There are also single residue methods available for dimetridazole and ronidazole.

Dairy

There were no nitroimidazole residues detected in any of the samples of domestic (1) or imported (46) cheese tested using the multi-residue method (100% compliance).

Eggs

A total of 280 samples of domestic eggs for nitroimidazole residues using the multi-residue analysis and 24 samples were tested using the single residue method for dimetridazole; no residues were detected (100% compliance). There were no residues detected in any samples of imported eggs tested using the multi-residue method (174) or the single residue method for dimetridazole (7) (100% compliance).

Meat

Samples of domestic meat and poultry were tested for nitroimidazole residues using the multi-residue method (2830), the dimetridazole single-residue method (507) or the ronidazole single-residue method (114). No residues were detected (100% compliance). Imported meat and poultry was tested for nitroimidazole residues using the multi-residue method (143), the dimetridazole single-residue method (19) or the ronidazole single-residue method (17). No residues were detected (100% compliance).

Non-Steroidal Anti-Inflammatory Drugs (NSAIDs)

The NSAIDs are analgesic, anti-inflammatory drugs used for the control of pain and inflammation. There are three NSAIDs that are monitored under the NCRMP: dipyrone, flunixin and phenylbutazone. Dipyrone and phenylbutazone are only approved for use in animals that do not produce food or are not intended for consumption as food. There are no MRLs established for dipyrone or phenylbutazone. Flunixin is approved for use in Canada on cattle and an MRL has been established. The NCRMP includes single residue methods for flunixin and phenylbutazone. For dairy, there is also a multi-residue method that analyzes for both flunixin and phenylbutazone. The analytical method used for dipyrone in the NCRMP analyzes for dipyrone and three of its metabolites: 4-methylaminoantipyrine, 4-formylaminoantipyrine and 4-aminoantipyrine.

Dairy

There were no residues detected in any of the samples of domestic raw milk tested for flunixin (390) or phenylbutazone (143) (100% compliance). There were no residues detected in any of the samples of domestic cheese tested for dipyrone (24) or using the NSAID multi-residue method (1) (100% compliance). There were no residues detected in

any of the imported cheese samples tested for dipyrone (72) or using the NSAID multi-residue method (80) (100% compliance). There were no residues detected in a single sample of imported butter tested using the NSAID multi-residue method (100% compliance).

Eggs

There were no residues detected in any of the samples of domestic eggs tested for flunixin (49) or phenylbutazone (56) (100% compliance). There were no residues detected in any of the samples of imported eggs tested for flunixin (38) or phenylbutazone (40) (100% compliance).

Meat

A total of 5118 analyses for NSAID residues were performed on monitoring samples of domestic meat and poultry. These analyses included 1250 tests for dipyrone, 2295 tests for flunixin and 1573 tests for phenylbutazone. Five samples were positive for phenylbutazone and there were four violations (1 cow, 3 veal). The overall compliance rate for NSAIDs in domestic meat and poultry was 99.92%. There were no residues detected in any of the samples of imported meat and poultry tested for dipyrone (29), flunixin (61) or phenylbutazone (46) (100% compliance).

Penicillins

The penicillins are a class of broad spectrum antibiotic drugs that are effective against infections caused by Gram-positive and Gram-negative bacteria. Amoxicillin, ampicillin penicillin G and cloxacillin are approved for use in Canada on a variety of food-producing animals. MRLs or AMRLs have been established for ampicillin (cattle, swine, milk) penicillin G (cattle, swine, turkey, milk) and amoxicillin (swine, chicken). A WRL has also been established for penicillin residues in honey. The NCRMP includes a number of analytical methods for the determination of penicillin residues. For eggs and meat, there is a single-residue method for penicillin G. For dairy, there is the single-residue method for penicillin G, as well as a multi-residue method that includes the following analytes: amoxicillin, ampicillin, penicillin G, oxacillin, cloxacillin, dicloxacillin, cephapirin, ceftiofur, cefquinome, nafcillin, cefazolin, cefodroxil, cefotaxime, cephalexin, cephradine, hetacillin, penethamate, piperacillin, ticarcillin. For honey, there is a multi-residue method that includes amoxicillin, ampicillin, penicillin G, oxacillin, cloxacillin and dicloxacillin.

Dairy

There were no penicillin residues detected in any of the 146 samples of domestic raw milk analyzed (100% compliance).

Eggs

A total of 90 samples of domestic eggs were tested for penicillin residues. There was one positive result for penicillin G and no violations (100% compliance). There were no penicillin residues detected in any of the 51 samples of imported eggs analyzed (100% compliance).

Honey

There were no penicillin residues detected in any of the samples of domestic (268) or imported (62) honey analyzed (100% compliance).

Meat and Poultry

A total of 2435 monitoring samples of domestic meat and poultry were analyzed for penicillin residues. There were five positive results for penicillin G and no violations (100% compliance). There were no residues found in any of the 64 samples of imported meat and poultry tested for penicillin residues (100% compliance).

Phenicols

The phenicols are a class of broad spectrum antibiotics. Chloramphenicol is banned in Canada, as well as in many other countries, for use in food-producing animals. People who are sensitive to chloramphenicol can develop a type of bone marrow depression called aplastic anemia, which can be fatal. Florfenicol is approved for use in Canada on cattle, swine, and salmon. MRLs have been established for florfenicol in cattle, swine and salmonids. The multi-residue method for phenicols analyzes for chloramphenicol, thiamphenicol and florfenicol. There is also a single-residue method for chloramphenicol.

Dairy

There were no residues detected in any of the samples of domestic raw milk (256) analyzed using the phenicols multi-residue method (100% compliance). There were no residues detected in any of the samples of imported cheese tested using the chloramphenicol single-residue method (3) or phenicols multi-residue method (48) (100% compliance).

Eggs

There were no residues detected in any of the samples of domestic eggs analyzed using the single-residue method for chloramphenicol (23) or phenicols multi-residue method (240) (100% compliance). There were no residues detected in any of the samples of imported eggs analyzed for chloramphenicol (2) or phenicols (164) (100% compliance).

Honey

Monitoring samples of domestic honey were analyzed for phenicols (184) and chloramphenicol (15) and no residues were detected (100% compliance). Monitoring samples of imported honey were analyzed for chloramphenicol (15) and phenicols (76); there was one positive result and violation for chloramphenicol in a sample from China (98.90% compliance).

Meat

No chloramphenicol residues were detected in any of the 388 monitoring samples of domestic meat and poultry analyzed using the single-residue method (100% compliance). A total of 2913 monitoring samples of domestic meat and poultry were analyzed using the phenicols multi-residue method. There was one positive result for florfenicol in sow and no violations (100% compliance). There were no residues detected in any of the

monitoring samples of imported meat and poultry products tested (99, 100% compliance).

Sulfonamides

Sulfonamides are used primarily in the prevention and treatment of bacterial infections. They are also widely employed to increase the rate of weight gain and enhance feed efficiency in livestock. There are numerous sulfonamide drugs approved for many uses in food-producing animals in Canada and numerous MRLs/AMRLs have been established. WRLs have also been established for residues of some sulfonamide drugs in honey. The multi-residue analysis used for the determination of sulfonamide residues in meat and poultry includes the following analytes: sulfachloropyridazine, sulfadiazine, sulfadimethoxine, sulfadoxine, sulfaethoxypyridazine, sulfamerazine, sulfamethoxypyridazine, sulfaquinoxaline and sulfathiazole. The multi-residue analysis used for the analysis of dairy, eggs and honey includes the following analytes: sulfadiazine, sulfapyridine, sulfisoxazole, sulfamethazine, sulfameter, sulfamethoxypyridazine, sulfamonomethoxine, sulfachloropyridazine, sulfamethoxazole, sulfabenzamide, sulfadoxine, sulfadimethoxine, sulfathiazole, sulfaquinoxaline, sulfaphenazole, sulfamerazine, dapsone, sulfamethizole, sulfiomidine, sulfaethoxypyridazine, sulfamoxole, sulfaguanidine, sulfanilamide and sulfacetamide.

Dairy

There were no residues detected in any of the samples of domestic raw milk (414) or imported cheese (63) analyzed for sulfonamide residues (100% compliance).

Eggs

There were no sulfonamide residues detected in any of the 221 samples of domestic eggs analyzed (100% compliance). A total of 124 samples of imported eggs were tested; there was one positive result and no violations (100% compliance).

Honey

A total of 192 monitoring samples of domestic honey were tested for sulfonamide residues. There were three positive results for sulfadimethoxine that were below the WRL (100% compliance). A total 123 monitoring samples of imported honey were tested and there were five positive results. All were below the WRL except for one sulfamethazine positive (99.19% compliance).

Meat

A total of 2594 monitoring samples of domestic meat and poultry were analyzed for sulfonamide residues. There were 13 positive results and four violations; the overall compliance rate was 99.85%. Eight monitoring samples of imported meat were tested for sulfonamide residues; there were no positive results and no violations (100% compliance).

Tetracyclines

The tetracyclines may be used for either prevention or treatment of bacterial infections. They have also been approved for use in medicated feed to aid in the maintenance of growth rate and feed efficiency. In Canada, chlortetracycline is approved for use on swine, cattle, calves, lambs, sheep, chicken and turkey; oxytetracycline is approved for use on cattle, swine, sheep, salmonids, lobsters, chicken, turkey and bees; tetracycline is approved for use on cattle, swine, sheep, chicken and turkey. AMRLs have been established for all of the approved uses of tetracycline, chlortetracycline and oxytetracycline. WRLs have also been established for residues of chlortetracycline and tetracycline in honey. The multi-residue method for tetracyclines analyzes for chlortetracycline, oxytetracycline and tetracycline.

Dairy

There were no tetracycline residues detected in any of the samples of domestic raw milk (416) or imported cheese (10) that were analyzed (100% compliance).

Eggs

Out of a total of 451 samples of domestic eggs, there were two compliant positive results (oxytetracycline) and no violations (100% compliance). There were no tetracycline residues detected in any of the imported egg samples tested (315; 100% compliance).

Honey

A total of 136 monitoring samples of domestic honey were analyzed for tetracycline residues. There were 27 positive results; 23 oxytetracyline positives were compliant with the AMRL and four tetracycline positives were below the WRL (100% compliance). Fifty one monitoring samples of imported honey were analyzed and there were six compliant positive results; oxytetracycline was detected in two samples and tetracycline was detected in four samples (100% compliance).

Meat

A total of 2655 monitoring samples of domestic meat and poultry were analyzed for tetracycline residues. There were 96 positive results and more than half of these were in veal (50). The two violations observed were in veal; doxycycline was detected in one sample (no MRL) and the level of oxytetracycline found in one sample exceeded the AMRL. The compliance rate for domestic meat and poultry was 99.92%. A total of 97 monitoring samples of imported meat and poultry were tested for tetracyclines; there was one positive result and no violations (100% compliance).

Thyreostatica

The thyreostatic drugs have been used in the past to increase weight gain in animals prior to slaughter. These drugs are now banned for use in food-producing animals in Canada and therefore there are no established MRLs. The multi-residue method of analysis for thyreostats includes the following analytes: mercaptobenzimidazole, phenylthiouracil, propylthiouracil, tapazole, thiouracil and methylthiouracil.

Dairy

A total of 18 samples of domestic cheese were tested for thyreostatic drug residues; thiouracil was detected in three samples and these were identified as violations (83.33% compliance). A total of 77 samples of imported cheese were analyzed; there were 18 thiouracil positive results, all of which were identified as violations (76.62% compliance). It is thought that these residues may be caused by the feeding of sulphur-rich Brassica species to dairy cattle, rather than as a result of thyreostatic drug use. Thiouracil is also detected frequently in cattle liver.

Eggs

There were no residues detected in any of the samples of domestic (58) or imported (32) eggs analyzed for thyreostats (100% compliance).

Meat

A total of 1426 samples of domestic meat and poultry were analyzed for thyreostat residues. There was one positive result for phenylthiouracil and 205 positive results for thiouracil; all of the thiouracil positives were identified as violations (85.62% compliance). The vast majority of the thiouracil residues were detected in ruminants such as cattle, bison and sheep; it is thought that these residues are largely due to dietary consumption of Brassica species, rather than as a result of thyreostatic drug use. Three samples of imported meat were tested for thyreostatic drugs and no residues were detected (100% compliance).

Tranquilizers

Tranquilizers are drugs that act as analgesics, sedatives and muscle relaxants. They work by depressing the speed of signals in the nervous system. In Canada xylazine is approved for use on cattle, azaperone is approved for use on pigs and acepromazine is approved for use on cattle, sheep, goats and swine. There are no MRLs established for tranquilizers and therefore no residues of these drugs are permitted in food. The multi-residue method for tranquilizers includes the following analytes: xylazine, azaperol, carazolol, azaperone, haloperidol, acepromazine, propionylpromazine and chlorpromazine.

Dairy

There were no tranquilizer residues detected in any of the samples of domestic cheese (14) or imported cheese (63) analyzed (100% compliance).

Eggs

There were no tranquilizer residues detected in any of the samples of domestic (59) or imported (30) eggs analyzed (100% compliance).

Meat and Poultry

There were no tranquilizer residues detected in any of the samples of domestic (1207) or imported (163) meat and poultry analyzed (100% compliance).

Virginiamycin

Virginiamycin is a type of antibiotic used for the treatment of bacterial infections such as swine dysentery and necrotic enteritis. It is approved for use in medicated feed for swine and broiler chickens to increase the rate of weight gain and feed efficiency. There are no MRLs established for virginiamycin. The single-residue method of analysis for virginiamycin tests for virginiamycin M.

Dairy

There were no virginiamycin residues detected in any of the samples of domestic (4) or imported (24) cheese tested (100% compliance).

Eggs

There were no virginiamycin residues detected in any of the samples of domestic (121) or imported (78) eggs analyzed (100% compliance).

Meat and Poultry

There no virginiamycin residues detected in any of the samples of domestic (1596) or imported (44) meat and poultry analyzed (100% compliance).

Hormonal Substances

Hormonal substances may be used in food-producing animals as anabolic agents to increase feed efficiency, accelerate attainment of market weight and improve carcass quality. They may also be used as estrus regulators or for the treatment of specific disorders.

Trenbolone Acetate

Trenbolone acetate is a hormonal injection or implant used to increase rate of weight gain and improve feed efficiency. It is approved for use in Canada on cattle and an AMRL has been established. The analytical method used to detect trenbolone acetate residues analyzes for both alpha and beta trenbolone.

Dairy

There were no trenbolone acetate residues detected in any of the samples of domestic (17) or imported (49) cheese analyzed (100% compliance).

Meat and Poultry

A total of 2948 samples of domestic meat and poultry were analyzed for trenbolone acetate residues. There were 21 positive results for alpha trenbolone in beef and all were compliant with the AMRL. Alpha trenbolone was also detected in one sample of bison, and was in violation as there is no MRL established. Overall, the compliance rate for trenbolone acetate in domestic meat and poultry was 99.97%. Three samples of imported meat were analyzed for trenbolone acetate residues and none were detected (100% compliance).

Zeranol & Stilbenes

Zeranol is used in implants to increase the rate of weight gain and improve feed conversion. In Canada, zeranol is approved for use on cattle and an AMRL is established. The stilbene drugs are banned for use in food-producing animals in Canada. The multi-residue method used for the analysis of residues of zeranol and stilbenes includes the following analytes: zeranol, taleranol, diethylstilbestrol, dienestrol, and hexestrol.

Dairy

There were no zeranol or stilbene residues detected in any of the samples of domestic (11) or imported (26) cheese tested (100% compliance).

Meat and Poultry

A total of 1612 samples of domestic meat and poultry were analyzed for zeranol and stilbene residues. Zeranol residues were detected in one sample of beef but the level found was compliant with the AMRL. Taleranol was detected in a sample of beef and identified as a violation as there is no MRL or AMRL. Overall, the compliance rate for zeranol and stilbenes in domestic meat and poultry was 99.94%. Three samples of imported meat were analyzed and no zeranol or stilbene residues were detected (100% compliance).

Gestagens

Gestagens are potent progestogens with marked anti-estrogenic properties. They are used for growth stimulation, improved feed utilization and suppression of estrus (heat). Melengestrol acetate is approved for use in Canada on cattle and an AMRL has been established. The multi-residue method used for the analysis of gestagen residues includes the following analytes: melengestrol acetate, megestrol acetate and chlormadinone acetate.

Dairy

There were no gestagen residues detected in any of the 11 samples of domestic cheese analyzed (100% compliance). There were no residues detected in any of the samples of imported butter (1) or cheese (60) tested for gestagens (100% compliance).

Meat and Poultry

A total of 2135 samples of domestic meat and poultry were tested for gestagen residues. Melengestrol acetate was detected in 11 samples of beef and one sample of veal and the levels detected were compliant with the AMRL (100% compliance).

4.3 Mycotoxins

4.3.1 Food of Animal Origin

Dairy

One sample of domestic cheese was tested for aflatoxin M1 and none was detected. A total of 161 samples of domestic raw milk were tested for aflatoxin M1; it was detected in

one sample at a low level (100% compliance). Forty samples of imported cheese were tested and aflatoxin M1 was detected in two samples from Italy (100% compliance).

4.4 Metals

4.4.1 Food of Animal Origin

A total of 2429 monitoring samples of domestic and imported food of animal origin were tested for up to 15 different metals. Out of a total of 33 502 results for metals, 17 827 results (53.21%) were positive and 497 (1.48%) were considered to be above average (higher than expected). There were no violations of Canadian tolerances or MRLs. Results for the toxic metals (arsenic, cadmium, lead, mercury) for each commodity are described in more detail below.

Dairy

Domestic raw milk was tested for metals using a multi-metal method that includes the following eight metals: aluminum, arsenic, cadmium, lead, nickel, selenium, tin, zinc. A total of 138 samples of domestic raw milk were tested using the multi-metal method and 248 samples were tested for mercury using a single analyte method (1352 results). Arsenic was detected in 94 samples (68.12%), and the levels found in two samples were considered to be above average (1.45%). Cadmium was detected in 54 samples (39.13%) and the level detected in one sample was considered to be above average (0.72%). Lead was detected in 98 samples (71.01%); the levels found in 23 samples were considered to be above average (16.67%). There was no mercury detected in any of the samples tested.

A total of 102 samples of imported cheese were tested for up to 15 different metals using the multi-metal method (1454 results). Arsenic was detected in 54.90% of samples tested and six of the samples had levels of arsenic considered to be above average (5.88%). Cadmium was detected in 19.61% of the samples and six of the samples had levels of cadmium considered to be above average (5.88%). Lead was detected in 47.06% of the samples and 11 samples (10.78%) had levels of lead considered to be above average. There was no mercury detected in any of the samples tested.

The prevalence of arsenic, cadmium, lead and mercury in domestic and imported dairy products is depicted in Figure 9.

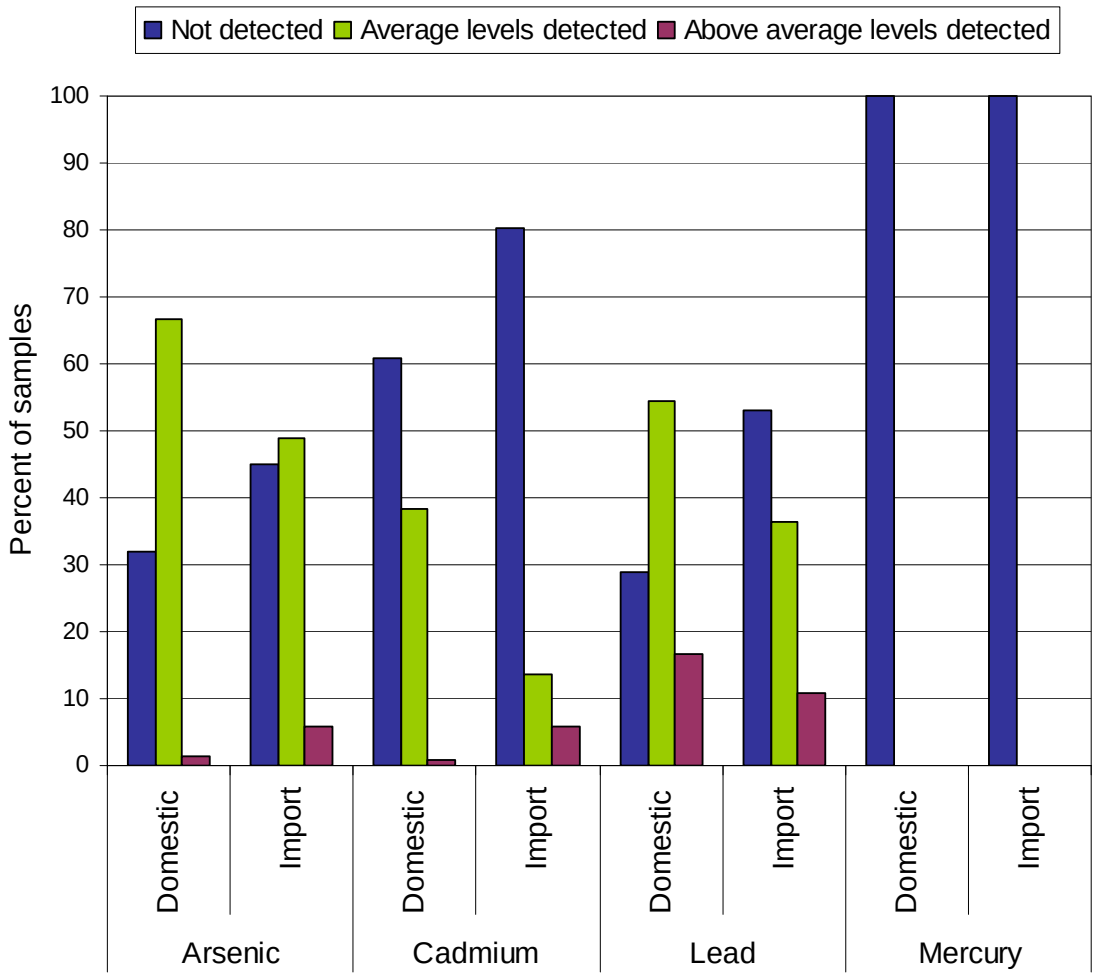


Figure 9 **Percent of samples of domestic and imported dairy products with detected levels of arsenic, cadmium, lead and mercury.**

Eggs

A total of 246 samples of domestic eggs were analyzed using the multi-metal method (15 metals, 3690 results). Arsenic was detected in 62 samples (25.20%) and one sample had an above-average level of arsenic (0.41%). Cadmium was detected in 12 samples (4.88%) and lead was detected in four samples (1.63%); the levels detected were within the expected range. Mercury was not detected in any of the samples tested.

A total of 143 samples of imported eggs were analyzed using the multi-metal method (15 metals, 2145 results). Arsenic was detected in 19 samples (13.29%), cadmium was detected in 27 samples (18.88%) and lead was detected in two samples (1.40%); the levels of arsenic, cadmium and lead detected were within the expected range. Mercury was not detected in any of the samples tested.

The prevalence of arsenic, cadmium, lead and mercury in domestic and imported eggs is depicted in Figure 10.

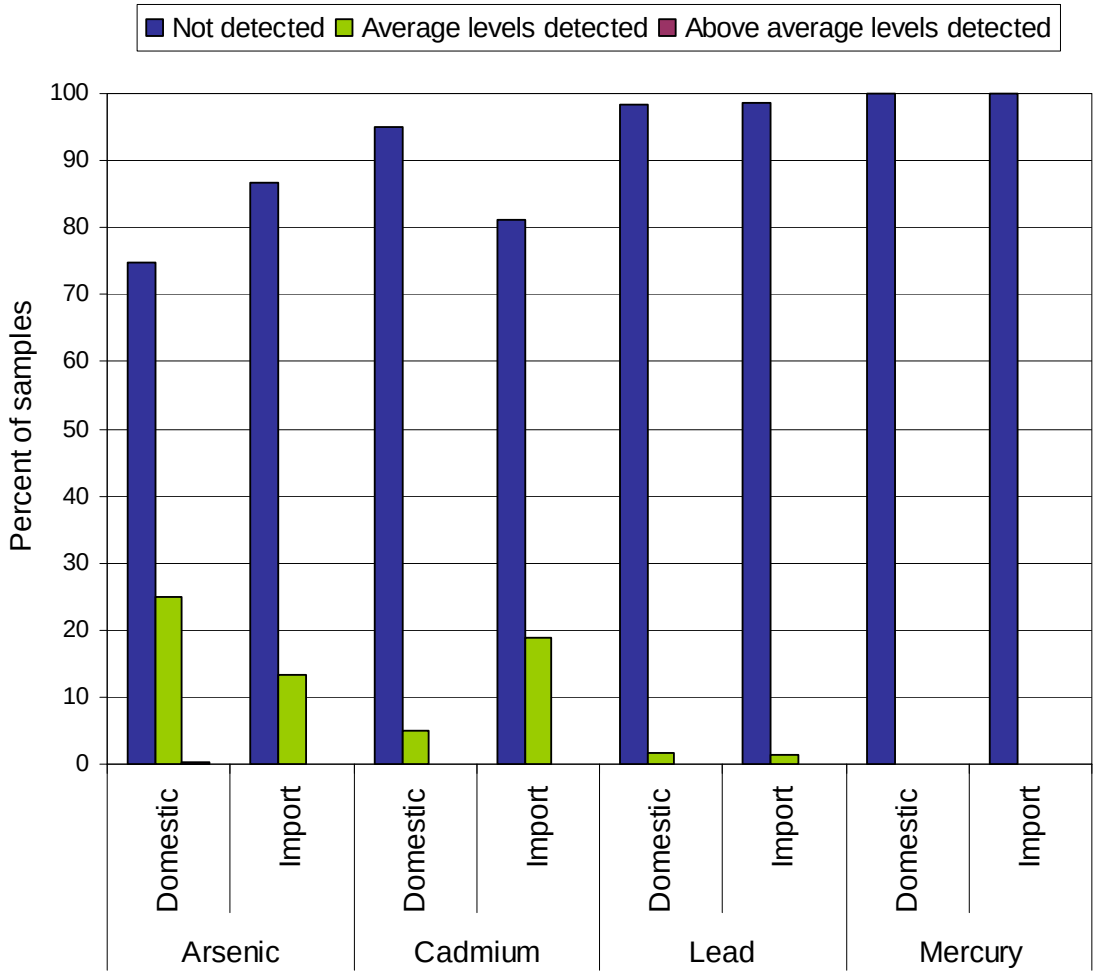


Figure 10 Percent of samples of domestic and imported eggs with detected levels of arsenic, cadmium, lead and mercury.

Honey

A total of 198 samples of domestic honey were tested for 15 different metals using the multi-metal method (2970 results). Arsenic and mercury were not detected. Cadmium was detected in one sample (0.51%). Lead was detected in 53 samples (26.77%); five samples contained lead levels considered to be above average (2.53%).

A total of 46 samples of imported honey were tested for 15 different metals using the multi-metal method (690 results). Arsenic was detected in two samples (4.35%) and the levels detected were within the expected range. Cadmium was detected in two samples (4.35%) and the level detected in one sample was considered to be above average (2.17%). Lead was detected in 25 samples (54.35%) and the level found in one sample was considered to be above average (2.17%). Mercury was not detected in any honey sample tested.

The prevalence of arsenic, cadmium, lead and mercury in domestic and imported honey is depicted in Figure 11, below.

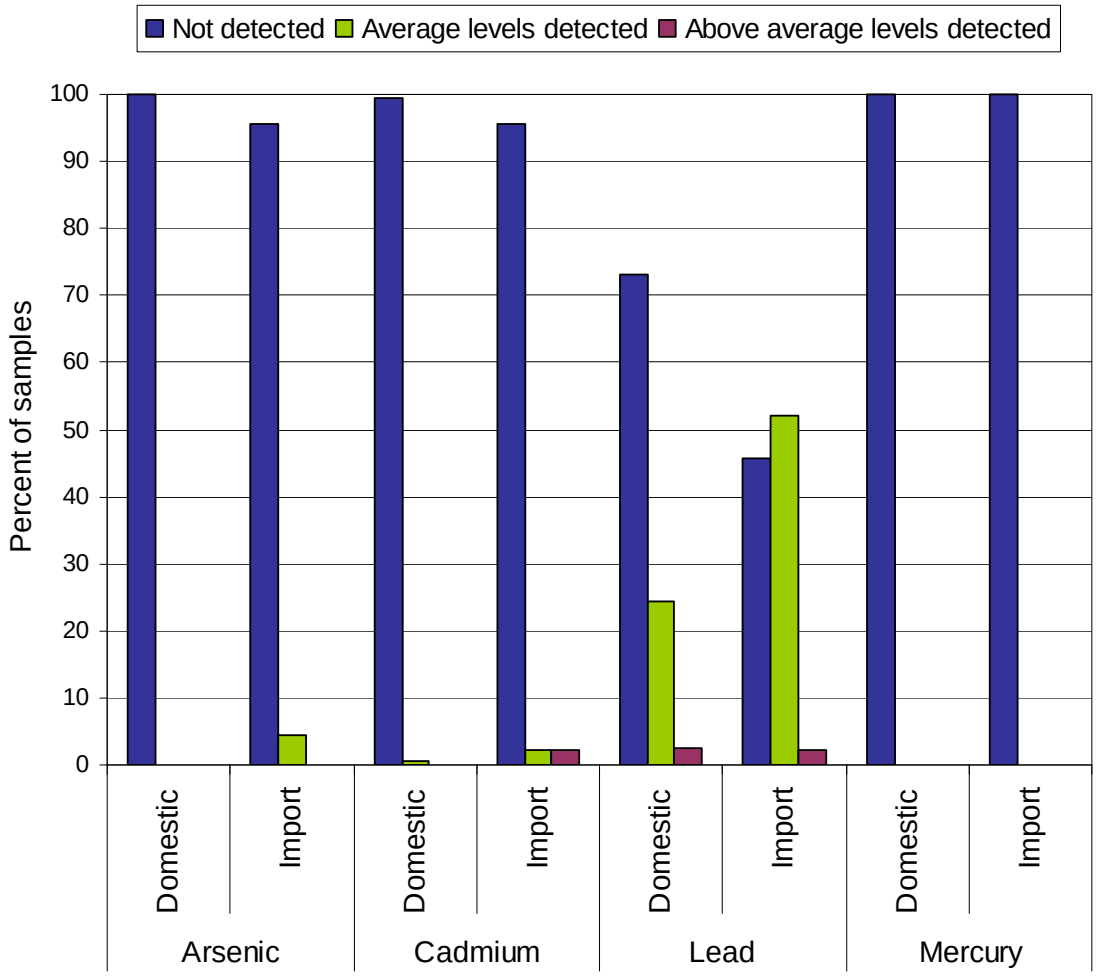


Figure 11 **Percent of samples of domestic and imported honey with detected levels of arsenic, cadmium, lead and mercury.**

Meat

A total of 1402 samples of domestic meat were tested for up to 15 different metals using the multi-metal method (20 552 results). Arsenic was detected in 31.95% of samples tested and the level detected in 12 samples was considered to be above average (0.86%). Cadmium was detected in 13.48% of samples tested and the level detected in 18 samples was considered to be above average (1.28%). Lead was detected in 7.28% of samples tested and the levels found were all within the expected range. Mercury was not detected.

A total of 44 samples of imported meat were tested for up to 15 different metals using the multi-metal method (649 results). Arsenic was detected in 36.36% of samples and lead was detected in 27.27% of samples; the levels of arsenic and lead detected were within the expected range. Cadmium was detected in 6.82% of samples, and the level found in one sample was above average (2.27%). Mercury was not detected.

The prevalence of arsenic, cadmium, lead and mercury in domestic and imported meat and poultry products is illustrated in Figure 12, below.

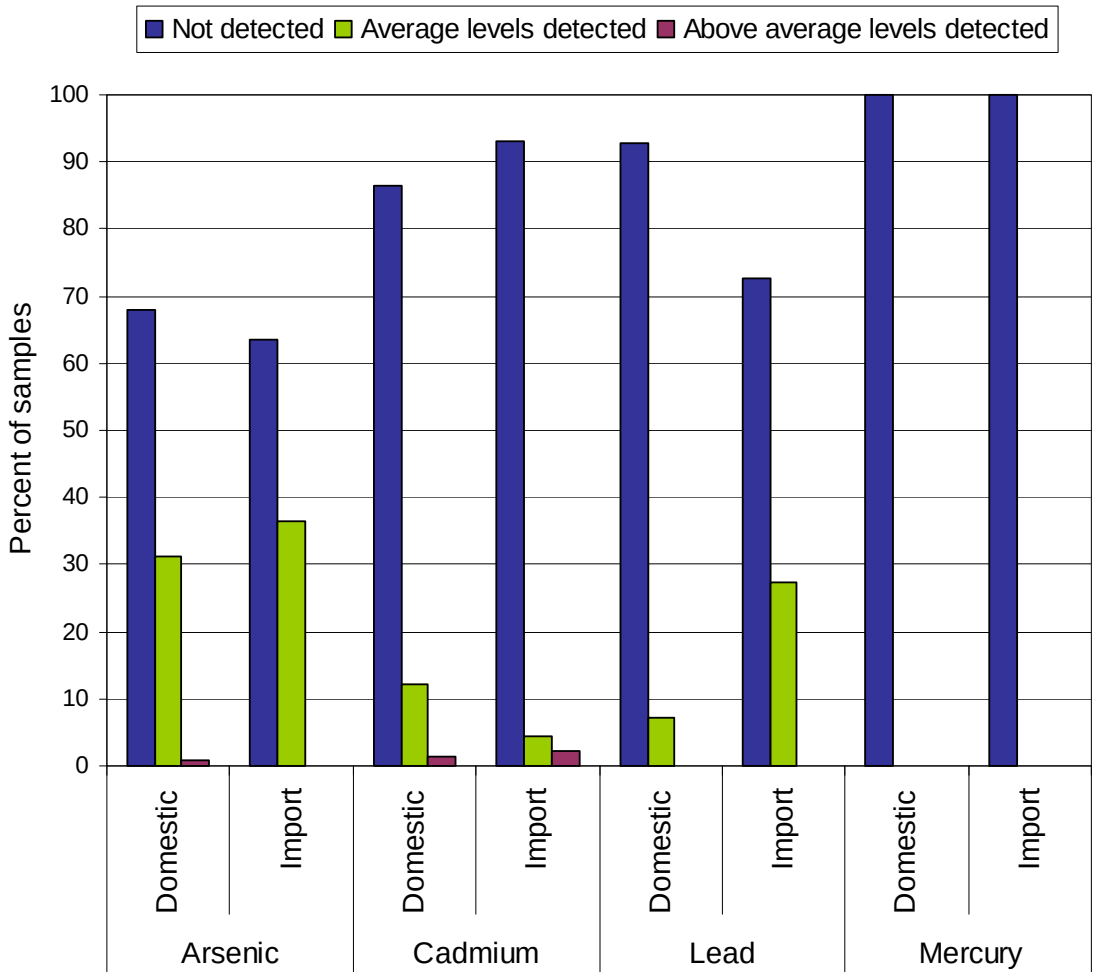


Figure 12 Percent of samples of domestic and imported meat products with detected levels of arsenic, cadmium, lead and mercury.

4.4.2 Food of Plant Origin

A total of 2883 monitoring samples of domestic and imported food of plant origin were tested for up to 15 different metals. Out of a total of 40 021 results for metals, 22 282 (55.68%) were positive and 572 (1.43%) were considered to be above average. There were four violations for tin in canned products and 11 violations for lead in maple syrup. Results for the toxic metals (arsenic, cadmium, lead, mercury) for each commodity are described in more detail below.

Fresh Fruit and Vegetables

A total of 755 samples of domestic fresh fruit and vegetable commodities were analyzed for up to 15 different metals using the multi-metal method (11 155 results). Arsenic was detected in 20.93% of samples tested, including one sample with above-average levels (0.13%). Cadmium was the most prevalent of the toxic metals in domestic fresh fruit and vegetable commodities. It was detected in 49.40% of samples; seven samples had above-average cadmium levels (0.93%). Lead was detected in 37.88% of samples, with two samples displaying above-average levels (0.26%). Mercury was not detected in any of the samples tested. The complete results for metals and elements in domestic fresh fruit and vegetables are in Appendix C.

A total of 1479 samples of imported fresh fruit and vegetable commodities were analyzed for up to 15 different metals using the multi-metal method (21 670 results). Arsenic was detected in 24.48% of samples, including one sample with an above-average level (0.07%). Cadmium was the most prevalent of the toxic metals in imported fresh fruit and vegetable commodities. It was detected in 41.18% of samples, 21 of which had levels above average (1.42%). Lead was detected in 29.21% of samples, with seven samples displaying above average levels (0.47%). Mercury was not detected in any of the samples tested. The complete results for metals and elements in imported fresh fruit and vegetables are in Appendix C.

The domestic or imported commodities most likely to contain cadmium were those known for their susceptibility to cadmium uptake. These include spinach, garlic, beets, parsnip, potatoes, carrots, cabbage and celery. Lead was more commonly found in rhubarb, spinach, asparagus, sweet potatoes and carrots.
Prevalence of toxic metals was comparable between imported and domestic fresh fruit and vegetable commodities (Figure 13).

The prevalence of arsenic, cadmium, lead and mercury in domestic and imported fresh fruit and vegetable products is illustrated in Figure 13.

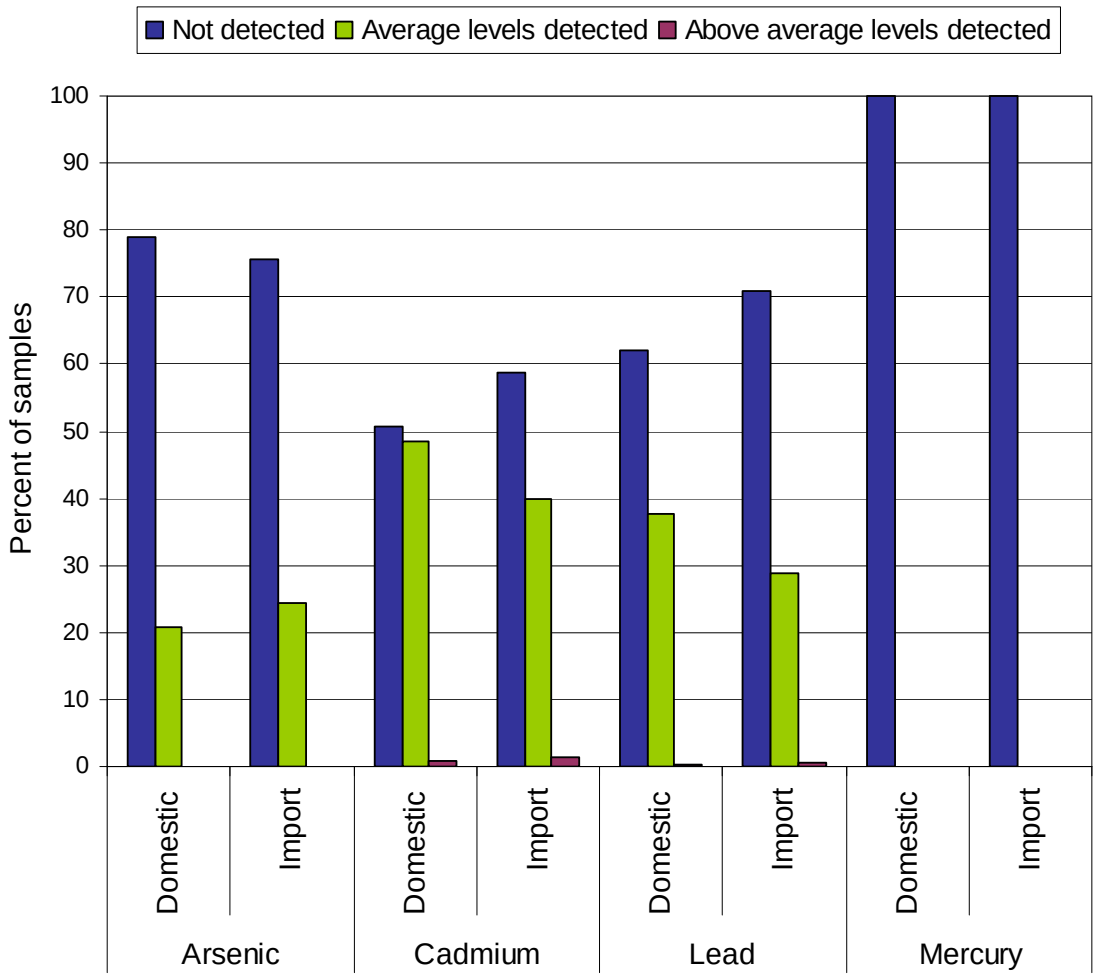


Figure 13 **Percent of domestic and imported fresh fruit and vegetable samples with detected levels of arsenic, cadmium, lead and mercury.**

Processed Fruit and Vegetables

A total of 475 samples of imported processed fruit and vegetable commodities were analyzed for up to 15 different metals using the multi-metal method (7022 results). There were four positive results for tin in canned products that exceeded the established tolerance (99.16% compliance). The prevalence of arsenic, cadmium, lead and mercury are illustrated in Figure 14. Arsenic and lead were detected more frequently in processed commodities when compared to fresh fruit and vegetable commodities. Arsenic was detected in 32.84% of samples tested, including one sample with above-average levels (0.21%). Cadmium was detected in 37.68% of samples, one of which had a level that was above average (0.21%). Lead was the most prevalent toxic metal in processed fruit and vegetable commodities. It was detected in 70.32% of samples tested, one of which displayed an above average level (0.21%). The average level of lead detected was 0.03 ppm. The presence of lead in food processing equipment or packaging materials may result in lead contamination of food. Mercury was the toxic metal least likely to be

detected in processed fruit and vegetable commodities. It was detected in one sample of canned vegetable (0.27%); the level detected was within the expected range.

Arsenic and cadmium were primarily found in canned beans, canned fruit, canned mushrooms, and canned water chestnuts. Lead detection was markedly widespread. Lead was found in 83 of 114 (72.81%) different processed fruit and vegetable commodities tested.

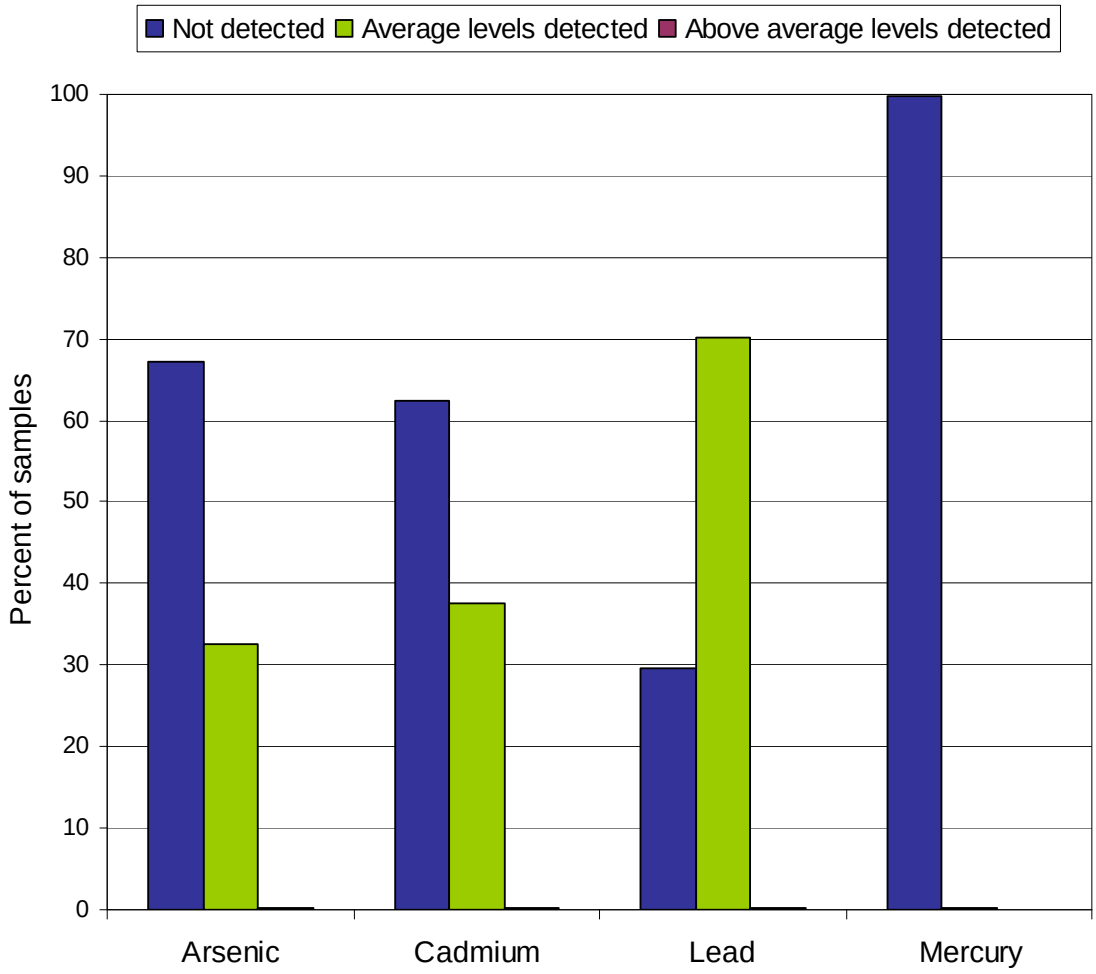


Figure 14 Percent of imported processed fruit and vegetable samples with detected levels of arsenic, cadmium, lead and mercury.

Maple Syrup

Lead contamination of maple syrup and derived products may be a concern if lead-containing equipment is used in maple syrup production. A total of 174 samples of domestic and imported maple syrup products were tested and lead was detected in 16.67% of samples; the overall compliance rate was 93.68%. Eight samples of domestic maple candy were tested, three of which contained low levels of lead. Of 164 domestic maple syrup samples, 26 (15.85%) were found to contain lead and there were 11

violations. Two samples of imported maple syrup were tested; neither had detected levels of lead.

5.0 Discussion

In the context of the 2007-2008 NCRMP, over 190 000 tests for veterinary drugs, pesticides, mycotoxins and metals were performed on domestically-produced and imported food commodities of animal and plant origin. Overall, compliance rates were high in all commodities and results observed were consistent with those seen in previous years. The overall compliance rate was greater than 99%, indicating a high degree of compliance with Canadian standards for chemical residues. Similar results were observed for domestic and imported products, and there was no clear relationship between compliance rate and country of origin. All non-compliant results were evaluated to determine whether they posed a health risk to Canadians and appropriate follow-up action was taken.

Foods of animal origin (dairy, eggs, honey, meat and poultry) were tested for residues of veterinary drugs. Veterinary drug residue violations may occur as a result of over-medication, inadequate withdrawal times (period of time from last drug administration to slaughter), or extra-label drug use (the administration of a drug to a species or to treat a condition that does not appear on the product label). In general, the compliance rates were high and the results were consistent with results observed in previous years. The majority of violations were for commodity-drug combinations for which no AMRL or MRL has been established.

The compliance rates for veterinary drug residues in domestic (99.73%) and imported (98.45%) dairy products were very high. In domestic raw milk, all of the violations observed were for the endectocide drug moxidectin. Endectocides are used to control livestock parasites. At the time these samples were taken, the AMRL for moxidectin in raw milk had not yet been established. There are no MRLs established for veterinary drug residues in cheese, therefore any measurable level of any residue in cheese was considered to be a violation. The majority of the violations in imported cheese were for thiouracil. Findings of thiouracil residues in meat have been attributed to dietary consumption of Brassica species, rather than to thyreostatic drug use. When dairy cattle are fed high-Brassica diets, thiouracil may be secreted in the milk and subsequently detected in the cheese.

The compliance rates for veterinary drug residues were comparably high for domestic (99.54%) and imported eggs (99.59%). The majority of the positive results and all of the violations in domestic and imported eggs were for residues of ionophore drugs (lasalocid, monensin, narasin, salinomycin). These drugs are used to combat enteric parasites in poultry, but they are not approved for administration to laying hens in Canada and therefore no MRLs are established. It is thought that the ionophore residue violations in eggs occur when laying hen feed is contaminated by carry-over from a previous batch of broiler feed during feed mixing and preparation.

The compliance rate for veterinary drug residues in domestic honey (99.95%) was somewhat higher than the compliance rate in imported honey (99.21%). There are few veterinary drugs permitted for use in Canada for honey production. There is an established AMRL for oxytetracycline in honey, and several WRLs for residues of antibiotic drugs have been established. The types of residue violations observed in monitoring samples of domestic and imported honey differed somewhat. In domestic honey, the majority of the residues detected were for the macrolide and tetracycline classes of drugs. A greater variety of residue types were detected in imported honey; in addition to macrolides and tetracyclines, residues of fluoroquinolones and sulfonamide drugs were also detected. In both domestic and imported honey, semicarbazide, which is a marker for the banned nitrofuran drug nitrofurazone, was detected in several samples. The presence of semicarbazide alone does not prove that a banned nitrofuran drug has been used, as this residue may also be derived from non-nitrofuran sources.

Overall, the compliance rates were high for veterinary drug residues in domestic (99.49%) and imported (99.97%) meat and poultry. More than one third of the residues detected and approximately one quarter of the violations were for the ionophore drugs. These compounds are commonly used in medicated poultry, cattle and swine feeds and MRLs have been established for the approved uses of these drugs. For minor species (such as buffalo, deer, duck, elk, emu, game bird, goat, horse, ostrich, rabbit and wild boar), there are few drugs permitted for use in Canada, therefore extra-label drug use is common. Drug residues may persist at slaughter if adequate withdrawal times are not followed. There are very few MRLs established for these minor species; therefore any drug residue found is in violation, and on a case-by-case basis, these results are sent to Health Canada for an assessment of the potential risk to human health posed by these residues. More than half of the violations observed were for thiouracil. The vast majority of the thiouracil residues were detected in ruminants such as cattle, bison and sheep; it is thought that these residues are largely due to dietary consumption of Brassica species, rather than as a result of thyreostatic drug use. There were no veterinary drug residue violations in any of the imported meat or poultry commodities tested, with the exception of one violation for carbadox in pork from the United States.

Few pesticide residues were detected in domestic and imported foods of animal origin and the compliance rates were quite high. There were no pesticides residues detected in domestic or imported dairy or egg products (100% compliance). Pesticide residues were detected in some samples of domestic and imported honey, but the levels found were 100% compliant. Compliance rates for bee repellents were lower for domestic (65.27%) than imported honey (90.05%). All findings of benzaldehyde or butyric acid in honey that exceed the GMRL are assessed as violations; however, it should be noted that low levels of benzaldehyde and butyric acid may occur naturally in honey. It is impossible to distinguish natural sources from residues resulting from the misuse of these chemicals as bee repellents. There were no pesticide residue violations (100% compliance) in imported meat and poultry, and the compliance rate in domestic meat and poultry was high (99.66%). Pentachlorophenol accounted for the majority of the positive results and all of the violations in meat.

The compliance rates for pesticides in foods of plant origin were also quite high. The compliance rates for pesticide residues in domestic (99.53%) and imported (98.24%) fresh fruit and vegetables were comparable. The compliance rate for pesticide residues in processed fruit and vegetables, assessed in imported products only, was also very high (99.65%).

Compliance rates in fresh and processed fruit and vegetables were analyzed by country of origin, commodity and pesticide residue type. Compliance rates by country of origin ranged from 75% to 100%. Compliance rates expressed by commodity were more variable, and ranged from 50% to 100%. For both countries of origin and commodity, lower compliance rates were sometimes attributed to a small number of collected samples. Data analysis by pesticide residue type revealed that 60% of violations were attributed to fungicides; dithiocarbamates in particular having the lowest compliance rates (domestic 98.98%, import 97.89%). A greater variety of pesticide residues were in violation in imported (47 residues) fresh fruit and vegetables when compared to domestic (10 residues) fresh fruit and vegetables. This is likely reflecting the diversity of pest pressures worldwide. As well, pesticide residue violation rate and pesticide residue prevalence were lower in processed than fresh fruit and vegetables. This observation is consistent with the loss of pesticide residues during processing steps (removal by extensive washing, degradation by heating, etc.) which do not occur with fresh fruit and vegetables. Most of the pesticide residue violations were associated with pesticide-commodity combinations that did not have a specific MRL and exceeded the 0.1 ppm general MRL.

A total of 2429 samples of domestic and imported food of animal origin (dairy, eggs, honey and meat) were analyzed for up to 15 different metals. These analyses produced 33 502 results and 17 827 were positive (53.21%). A total of 2883 samples of domestic and imported food of plant origin (fresh fruit and vegetables, processed fruit and vegetables, maple syrup) were tested for up to 15 different metals. These analyses produced 40 021 results and 22 282 were positive (55.68%). The results for arsenic, cadmium, lead and mercury are discussed below in more detail.

Arsenic is an element that naturally occurs in the earth's crust. Arsenic and arsenic compounds have been classified by the International Agency for Research on Cancer (IARC) as carcinogenic to humans. Oral exposure to arsenic may also lead to adverse effects on cardiovascular, respiratory, gastrointestinal, haematological, hepatic and neurological systems. Generally speaking, inorganic arsenic is more toxic to humans than organic arsenic. The majority of human exposure to arsenic is through contaminated drinking water and food.

All results reported were for total arsenic; the speciation of the arsenic detected in these samples was not determined. Of all commodities tested, arsenic was detected most frequently in dairy products (68.12% of domestic raw milk and 54.90% of imported cheese). There was no arsenic detected in domestic honey and only a small percentage of imported honey samples had arsenic detected (4.35%). Arsenic was more commonly detected in processed fruit and vegetables (32.84%) as compared to fresh fruit and vegetables (20.93 – 24.48%). Arsenic was detected in approximately one third of the

samples of domestic (31.95%) and imported (36.36%) meat tested. Arsenic was detected in a greater proportion of domestic eggs (25.20%) than imported eggs (13.29%). Several arsenic-containing drugs are approved for use in feed in Canada. These drugs are used as anti-parasitic agents, and also to improve weight gain and feed efficiency in chickens, turkeys and swine. The levels of arsenic detected in domestic and imported eggs were well below the MRL. The levels of arsenic detected in the majority of meat and poultry samples were below the MRL for arsenic in swine, chickens and turkeys.

Cadmium is a heavy metal that occurs naturally in the earth's crust, and may also be present as an environmental contaminant from industrial and agricultural sources. It is primarily toxic to the kidney, and has been classified by the IARC as carcinogenic to humans. Cigarette smoking and food are the most important sources of cadmium exposure for the general population.

Cadmium was most frequently detected in domestic (49.40%) and imported (41.18%) fresh fruit and vegetables. Certain types leafy and root vegetables are more susceptible to cadmium uptake from the soil. Higher levels of cadmium in the soil may result if fertilizers contaminated with cadmium have been applied. Cadmium was detected somewhat less frequently in processed fruit and vegetables (37.68%) as compared to fresh commodities. Domestic raw milk also had a high proportion of samples with detected cadmium (39.13%), followed by imported cheese (19.61%). Cadmium was detected about four times as often in imported eggs (18.88%) compared to domestic eggs (4.88%). Cadmium was detected in only a small percentage of the domestic (0.51%) and imported (4.35%) honey samples tested.

Lead occurs naturally in the environment and has many industrial uses. Chronic exposure to even small amounts of lead can be harmful to human health. Children are particularly susceptible to the adverse neurological effects of lead exposure. Human exposure to lead may occur via air, soil, household dust, food, drinking water and various consumer products.

Domestic raw milk had the highest proportion of samples with detected lead (71.01%); it was detected in imported cheese at a rate of 47.06%. Lead was detected about twice as frequently in imported honey (54.35%) compared to domestic honey (26.77%). Lead was detected almost four times as often in imported meat products (27.27%) as compared to domestic meat (7.28%). A small percentage of samples of domestic (1.63%) and imported eggs (1.40%) had lead detected. Lead was more commonly detected in processed fruit and vegetables (70.32%) than fresh fruit and vegetables; it was detected in 37.88% of domestic and 29.21% of imported fresh products tested. The average level of lead detected in processed fruit and vegetables was 0.03 ppm. The presence of lead in food processing equipment or packaging materials may result in lead contamination of processed food products. Plants may become contaminated by lead in the air or soil. The use of lead solder in food cans has been virtually eliminated in Canada, and manufacturers are encouraged to discontinue use of lead-containing equipment in order to keep lead levels in food as low as reasonably achievable.

Although mercury is released naturally from rocks, soils and volcanoes, industrial activities have increased the amount of mercury in the environment. Mercury contamination is a concern because it is toxic, persistent in the environment, and bioaccumulates in the food chain. The health effects of mercury depend on its chemical form (elemental, inorganic, organic) and the route and level of exposure. Methyl mercury is easily absorbed and can cross the blood brain barrier. Children and the developing fetus are particularly susceptible to the harmful neurological effects of methyl mercury. The most common source of human exposure to mercury is the consumption of certain types of predatory fish.

Mercury was not detected in any of the samples domestic or imported dairy, eggs, honey, meat or fresh fruit and vegetable products tested. Mercury was detected in one sample of imported processed vegetables; the level detected (0.01 ppm) was within the expected range.

APPENDIX A

Table A-1 Analytes (252) included in CFIA reference method entitled, "Determination of pesticides in honey, fruit juice and wine (with solid phase extraction clean-up and GC/MSD and HPLC fluorescence detection)"

acephate	coumaphos	fenson	parathion
alachlor	crotoxyphos	fensulfothion	parathion-methyl
aldicarb	crufomate	fenthion	pebulate
aldicarb sulfone	cyanazine	fenvalerate	penconazole
aldicarb sulfoxide	cyanophos	flamprop-isopropyl	pendimethalin
aldrin	cycloate	flamprop-methyl	phenthoate
allidochlor	cyfluthrin	fluchloralin	phorate
alpha-BHC	cypermethrin	flumetralin	phosalone
ametryn	cyprazine	fluorochloridone	phosmet
aminocarb	dacthal (chlorthal-dimethyl)	fluorodifen	phosphamidon
aramite	o,p'-DDD	folpet	pirimicarb
aspon	p,p'-DDD	fonofos	pirimiphos-ethyl
atrazine	p,p'-DDE	heptachlor	pirimiphos-methyl
azinphos-ethyl	o,p'-DDT	heptachlor epoxide-endo	prochloraz
azinphos-methyl	p,p'-DDT	heptachlor epoxide-exo	procymidone
benalaxyl	delta-HCH	heptanophos	profenophos
bendiocarb	deltamethrin	hexachlorobenzene	profluralin
benfluralin	delta-trans-allethrin	hexazinone	promecarb
benodanil	demeton-O	imazalil	prometon
benzoylprop-ethyl	demeton-S	iodofenphos	prometryne
beta-BHC	demeton-S-methyl	iprodione	pronamide
bifenox	des-ethyl atrazine	iprodione metabolite	propachlor
bifenthrin	desmetryn	isazophos	propanil
bromacil	di-allate	isofenphos	propargite
bromophos	diazinon	isoprocarb	propazine
bromophos-ethyl	dichlobenil	isopropalin	propetamphos
bromopropylate	dichlormid	leptophos	propham
bupirimate	dichlorvos/naled	lindane (gamma-BHC)	propiconazole
butachlor	diclofenthion	linuron	propoxur
butralin	diclofluanid	malaoxon	prothiophos
butylate	diclofop-methyl	malathion	pyrazophos
captafol	dicloran	metalaxyl	quinalphos
captan	dicofol	metazachlor	quintozene
captan metabolite	dicrotophos	methamidophos	secbumeton
carbaryl	dieldrin	methidathion	simazine
carbetamide	dimethachlor	methiocarb	simetryn
carbofenthion	dimethoate	methiocarb sulfoxide	sulfallate
carbofuran	dinitramine	methomyl	sulfotep
3-hydroxycarbofuran	dioxathion	methoprotryne	sulprophos
carboxin	diphenamid	methoxychlor	tau-fluvalinate
chlorbenside	diphenylamine	methyl - trithion	TCMTB
chlorbenzilate	disulfoton	metobromuron	tecnazene

chlorbromuron	edifenphos	metolachlor	terbacil
chlorbufam	endosulfan sulphate	metribuzin	terbufos
chlordimeform	endosulfan-alpha	mevinphos (cis & trans)	terbumeton
chlorfenson	endosulfan-beta	mexacarbate	terbutryne
chlorfenvinphos	endrin	mirex	terbutylazine
chlorflurenol-methyl	EPN	monocrotophos	tetrachlorvinphos
chloridazon	EPTC	monolinuron	tetradifon
chlormephos	erbon	myclobutanil	tetramethrin
chloroneb	etaconazole	nitrapyrin	tetrasul
chloropropylate	ethalfluralin	nitrofen	thiobencarb
chlorothalonil	ethion	norflurazon	tolyfluanid
chlorpropham	ethofumasate	nuarimol	trans-chlordane
chlorpyrifos	ethoprophos	omethoate	trans-permethrin
chlorpyrifos-methyl	ethylan	o-phenylphenol	triadimefon
chlorthiamid	etridiazole	oxadiazon	triadimenol
chlorthion	etrimfos	oxadixyl	tri-allate
chlorthiophos	fenamiphos	oxamyl	triazophos
chlozolinate	fenarimol	oxycarboxin	tribufos
cis-chlordane	fenchlorophos	oxychlordane	trifluralin
cis-permethrin	fenitrothion	oxyflurofen	vernolate
clomazone	fenpropathrin	paraoxon	vinclozolin

Table A-2 Analytes (44) included in CFIA reference method entitled "The determination of organochlorinated pesticides and polychlorinated biphenyls in dairy, raw milk, egg and egg products by GC/ECD"

Organochlorine pesticides	
alachlor	beta-endosulfan
2-chloro-2',6'-diethylanilide (alachlor metabolite)	endosulfan sulfate
aldrin	endrin
alpha-BHC	fenchlorophos
beta-BHC	heptachlor
cis-chlordane	heptachlor epoxide endo
trans-chlordane	heptachlor epoxide exo
chlorpyrifos	hexachlorobenzene
cyfluthrin (I, II, III, IV)	lindane
o,p'-DDD	methoxychlor
p,p'-DDD	mirex
p,p'-DDE	myclobutanil
o,p'-DDT	oxychlordane
p,p'-DDT	cis-permethrin
dichlorobenzophenone (dicofol metabolite)	trans-permethrin
dieldrin	quizalofop-ethyl
alpha-endosulfan	tefluthrin
Polychlorinated biphenyls	
2,4,4'-trichlorobiphenyl	2,3',4,4',5-pentachlorobiphenyl
2,2',5,5''-tetrachlorobiphenyl	2,2',3,4,4',5-hexachlorobiphenyl
PCB congener 81	2,2',3,4,4',5'-hexachlorobiphenyl
2,2',4,5,5'-pentachlorobiphenyl	2,2',4,4',5,5'-hexachlorobiphenyl
2,3,4,4',5-pentachlorobiphenyl	2,2',3,4,4',5,5'-heptachlorobiphenyl

Table A-3 Analytes (29) included in CFIA reference method entitled "Determination of Volatile Pesticides in Fat by GC-MSD"

aldrin	o,p'-DDT	heptachlor
alpha-BHC	p,p'-DDT	heptachlor epoxide
beta-BHC	decachlorobiphenyl	hexachlorobenzene
cis-chlordane	dieldrin	lindane
trans-chlordane	alpha-endosulfan	methoxychlor
chlorpyrifos	beta-endosulfan	mirex
coumaphos	endosulfan sulfate	oxychlordane
diazinon	endrin	ronnel
p,p'-DDD	ethion	tetrachloro-m-xylene
p,p'-DDE	fenthion	

Table A-4 Analytes (295) included in CFIA reference method entitled "Determination of Pesticides in Fruits and Vegetables (with Solid Phase Extraction Clean-Up and GC/MSD and HPLC Fluorescence Detection)"

3-hydroxycarbofuran	chloropropylate	edifenphos	isoprothiolane	pirimiphos-methyl
acephate	chlorothalonil	α-endosulfan	kresoxim-methyl	prochloraz
acibenzolar-s-methyl	chlorpropham	β-endosulfan	leptophos	procymidone
alachlor	chlorpyrifos	endosulfan sulfate	lindane (γ-BHC)	profenofos
aldicarb	chlorpyrifos-methyl	endrin	linuron	profluralin
aldicarb sulfone	chlorthiamid	EPN	malaoxon	promecarb
aldicarb sulfoxide	chlorthion	EPTC	malathion	promecarb -1 (degrad)
aldrin	chlorthiophos	erbon	mecarbam	prometon
δ-trans-allethrin	chlozolinate	esfenvalerate	metalaxyl	prometryne
allidochlor	clomazone	etaconazole	metazachlor	pronamide
ametryn	coumaphos	ethalfluralin	methamidophos	propachlor
aminocarb	crotoxyphos	ethion	methidathion	propanil
aramite	crufomate	ethofumasate	methiocarb	propargite
aspon	cyanazine	ethoprophos	methiocarb sulfoxide	propazine
atrazine	cyanophos	ethylan	methomyl	propetamphos
azinphos-ethyl	cycloate	etridiazole	methoprotryne	propham
azinphos-methyl	cyfluthrin	etrimfos	methoxychlor	propiconazole (1)
azoxystrobin	lambda-cyhalothrin	fenamiphos	methyl - trithion	propiconazole (2)
α-BHC	cypermethrin	fenamiphos sulfone	metobromuron	propoxur
β-BHC	cyprazine	fenamiphos sulfoxide	metolachlor	prothiophos
benalaxyl	cyproconazole	fenarimol	metribuzin	pyracarbolid
bendiocarb	cyprodinil	fenbuconazole	mevinphos (cis- & trans)	pyrazophos
bendiocarb (degrad.)	cyromazine	fenchlorophos	mexacarbate	pyridaben
benfluralin	dacthal (chlorthal-dimethyl)	fenfuram	mexacarbate -1 (degrad)	quinalphos
benodanil	o, p' - DDD	fenitrothion	mirex	quintozene
benzoylprop-ethyl	p, p' - DDD	fenpropathrin	monocrotophos	secbumeton
bifenox	p,p'-DDE	fenpropimorph	monolinuron	simazine
bifenthrin	o, p '- DDT	fenson	myclobutanil	simetryn
biphenyl	p, p' - DDT	fensulfothion	nitrapyrin	sulfallate
bromacil	deltamethrin	fenthion	nitrofen	sulfotep
bromophos	demeton-O	fenvalerate	nitrothal-isopropyl	sulprophos
bromophos-ethyl	demeton-S	flamprop-isopropyl	norflurazon	TCMTB - 1
bromopropylate	demeton-S-methyl	flamprop-methyl	nuarimol	TCMTB -2
bupirimate	des-ethyl atrazine	fluchloralin	octhilinone	tebuconazole
buprofezin	desmetryn	fludioxonil	omethoate	tecnazene
butachlor	di-allate (1)	flumetralin	σ- phenylphenol	terbacil
butralin	di-allate (2)	fluorochloridone	oxadiazon	terbufos
butylate	diazinon	fluorodifen	oxadixyl	terbumeton
captafol	diazinon o-analogue	flusilazole	oxamyl	terbutryne
captan	dichlobenil	tau-fluvalinate	oxycarboxin	terbutylazine
captan metabolite	dichlormid	folpet	oxychlordane	tetrachlorvinphos
carbaryl	dichlorvos/naled	fonofos	oxyflurofen	tetradifon
carbetamide	diclobutrazole	δ-HCH	paraoxon	tetraiodoethylene
carbofenthion	diclofenthion	heptachlor	parathion	tetramethrin
carbofuran	diclofluanid	heptachlor epoxide - endo	parathion-methyl	tetrasul

carboxin	diclofop-methyl	heptachlor epoxide - exo	pebulate	thiobencarb
chlorbenside	dicloran	heptanophos	penconazole	toclofos-methyl
chlorbenzilate	dicofol	hexachlorobenzene	pendimethalin	tolyfluanid
chlorbromuron	dicrotophos	hexaconazole	cis-permethrin	triadimefon
chlorbufam	dieldrin	hexazinone	trans-permethrin	triadimenol
cis-chlordane	diethatyl-ethyl	imazalil	phenthoate	tri-allate
trans-chlordane	dimethachlor	iodofenphos	phorate	triazophos
chlordimeform	dimethoate	iprobenfos	phorate sulfone	tribufos
chlorfenson	dinitramine	iprodione	phosalone	tricyclazole
chlorfenvinphos	dioxathion	iprodione - metabolite	phosmet	trifloxystrobin
chlorflurenol-methyl	diphenamid	isazophos	phosphamidon	triflumizole
chloridazon	diphenylamine	isofenphos	piperonyl butoxide	trifluralin
chlormephos	disulfoton	isoprocarb	pirimicarb	vernolate
chloroneb	disulfoton sulfone	isopropalin	pirimiphos-ethyl	vinclozolin

Table A-5 Analytes (16) included in method entitled, "Carbamates in tissue"

aldicarb	oxamyl
aldicarb sulfone	methiocarb
aldicarb sulfoxide	carbofuran
dioxacarb	carbaryl
isoprocarb	bufencarb
propoxur	bendiocarb
promecarb	methiocarb sulfoxide
methomyl	3-hydroxycarbofuran

Table A-6 Analytes (4) included in CFIA reference method entitled, "Determination of chlorophenols in tissue by gas chromatography".

2,3,4,6-tetrachlorophenol
2,3,5,6-tetrachlorophenol
2,3,4,5-tetrachlorophenol
pentachlorophenol

Table A-7 Analytes (8) included in CFIA reference method entitled, "Determination of synthetic pyrethrins in bovine fat by GC-ECD".

lambda-cyhalothrin
permethrin
cyfluthrin
cypermethrin
deltamethrin
fenvalerate
flucythrinate
tau-fluvalinate

APPENDIX B

Table B-1 Minimum detection limits (ppm) required for metals in dairy, eggs, honey, meat, fresh fruit and vegetables, and processed fruit and vegetables

Metal	Dairy	Eggs	Honey	Meat	Fresh	Processed
aluminum	0.02	0.5	0.5	0.2	0.2	0.2
arsenic	0.005	0.04	0.05	0.005	0.005	0.005
boron	0.2	0.2	0.2	0.2	0.2	0.2
cadmium	0.005	0.01	0.05	0.005	0.005	0.005
chromium	0.02	0.02	0.02	0.02	0.02	0.02
copper	0.05	0.5	0.5	0.5	0.5	0.5
iron	0.5	0.5	0.5	0.5	0.5	0.5
mercury	0.01	0.05	0.05	0.05	0.005	0.005
manganese	0.05	0.05	0.05	0.05	0.05	0.05
nickel	0.02	0.02	0.02	0.02	0.02	0.02
lead	0.005	0.04	0.05	0.005	0.005	0.005
selenium	0.02	0.02	0.05	0.02	0.02	0.02
tin	0.2	0.2	0.2	0.2	0.2	0.2
titanium	0.2	0.2	0.2	0.2	0.2	0.2
zinc	0.2	0.5	0.2	0.2	0.2	0.2

APPENDIX C – Data summaries for foods of animal and plant origin

COMPLIANCE SUMMARY FOR DAIRY PRODUCTS

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Domestic Dairy Products:										
Anthelmintics:	New in 2007/2008									
Cheese	20	100.00								
Antibiotics: The group "Antibiotic" is the tetracyclines										
Milk	Individual groups of antibiotics are reported from 2004/05 onward								1,109	100.00
Other									24	100.00
Subtotal									1,133	
Bacitracin:	New in 2007/2008									
Cheese	10	100.00								
B-agonists:	New in 2007/2008									
Cheese	17	100.00								
Benzimidazoles:	New in 2007/2008									
Cheese	16	87.50								
Carbamates:	New in 2007/2008									
Cheese	16	100.00								
Ceftiofur:	New in 2007/2008									
Cheese	1	100.00								
Raw Milk	53	100.00								
Chlorinated phenols:										
Cheese	13	100.00			3	100.00	37	100.00		
Decoquinate:										
Cheese										
Dexamethazone:	New in 2007/2008									
Cheese	6	100.00								
Dipyrone:	New in 2007/2008									
Cheese	24	100.00								
Endectocides:										
Cheese	0		0		0		0		3	100.00
Raw Milk	263	98.86	314	99.04	400	97.50	266 (1)	100.00	119	100.00
Other	0		0		0		0		15	100.00
Subtotal	263		314		400		266		137	
Note 1: Includes 4 suspect and 262 monitoring samples.										
Flunixin:										
Raw Milk	390	100.00	209	100.00	368	100.00	249	100.00	369	100.00
Other	0		0		0		0		6	100.00
Subtotal	390		209		368		249		376	
Fluoroquinolones:	New in 2007/2008									
Cheese	1	100.00								
Gestagens:	New in 2007/2008									
Cheese	11	100.00								
Glycosides:										
Raw Milk	414	100.00	166	100.00	22	100.00				
Ionophores:										
Cheese										
Macrolides:										
Cheese	1	100.00								
Raw Milk	268	100.00	166	100.00	406	100.00				
Subtotal	269		166		406					
Metals and elements:										
Raw Milk	1,352	N/A	2,434	N/A	2,953	N/A	725	N/A	2,567	N/A
Subtotal	1,352		2,434		2,953		725		2,567	
Mycotoxins:										
Cheese	1	100.00							0	
Raw Milk	161	100.00	321	100.00	273	99.27	232	100.00	275	99.64
Subtotal	162		321		273		232		275	
Nitrofurans:	New in 2007/2008									
Cheese	7	100.00								
Nitroimidazoles:	New in 2007/2008									
Cheese	1	100.00								
NSAIDS:										
Cheese	1	100.00								
Penicillins:	New in 2007/2008									
Raw Milk	146	100.00								
Pesticides:										

COMPLIANCE SUMMARY FOR DAIRY PRODUCTS

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Cheese	34	100.00	24	100.00					32	100.00
Raw Milk			147	100.00	21	100.00			234	100.00
Subtotal	34		171		21				366	
Phenicols:										
Cheese									1	100.00
Raw Milk	256	100.00	352	100.00	389	99.74	347 (2)	99.61	144	100.00
Other	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
Subtotal	256		352		389		347		150	
Note 2: Includes 87 single-residue chloramphenicol and 260 multi-residue phenicol tests.										
Phenylbutazone:										
Cheese									3	100.00
Raw Milk	143	100.00	342	100.00	393	100.00			369	100.00
Subtotal	143		342		393				387	
Streptomycin:	Included in Glycosides multi-residue screen starting in 2006/2007									
Milk					382	100.00				
Sulfonamides:										
Cheese										
Milk	414	100.00	167	100.00	404	100.00			369	100.00
Subtotal	414		167		404				374	
Synthetic pyrethrins:										
Cheese	15	100.00			6	100.00	35	100.00		
Tetracyclines:										
Milk	416	100.00	166	100.00	403	99.75				
Thyreostats:	New in 2007/2008									
Cheese	18	83.33								
Tranquilizers:	New in 2007/2008									
Cheese	14	100.00								
Trenbolone acetate:	New in 2007/2008									
Cheese	17	100.00								
Virginiamycin:	New in 2007/2008									
Cheese	4	100.00								
Zeranol / Stilbenes:	New in 2007/2008									
Cheese	11	100.00								
Domestic Total	4,535		4,808		6,041		1,891		5,765	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										

COMPLIANCE SUMMARY FOR DAIRY PRODUCTS

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Imported Dairy Products:										
Albendazole			23	100.00	82	100.00	40	100.00		
Anthelmintics	93	100.00	66	100.00	84	100.00	40	100.00		
Bacitracin	22	100.00								
B-agonists	60	100.00	33	100.00	32	100.00				
Benzimidazoles	76	94.74	79	100.00	84	100.00	40	97.50		
Carbamates	79	100.00	79	100.00	84	100.00	40	100.00		
Ceftiofur	54	100.00	14	100.00						
Chloramphenicol	3	100.00	79	100.00	84	100.00	41	100.00	5	100.00
Chlorinated Phenol	73	100.00	102	100.00	191	100.00	83	100.00		
Cimaterol			23	100.00	50	100.00	40	100.00		
Clenbuterol			23	100.00	50	100.00	40	100.00		
Decoquinate	40	100.00	38	100.00	79	100.00	40	100.00		
Dexamethasone	31	100.00	62	100.00	84	100.00	40	100.00		
Dimetridazole			38	100.00	84	100.00	40	100.00		
Dipyrone	72	100.00	59	100.00	79	100.00	40	100.00		
Endectocides	60	100.00	81	98.77	84	100.00	41	100.00		
Flunixin (1)			37	100.00	29	100.00			6	100.00
Fluoroquinolones	81	100.00	79	100.00	84	100.00	40	100.00		
Furazolidone			36	100.00	30	100.00				
Gestagens	61	100.00	10	100.00	13	100.00	5	100.00		
Glycosides	53	100.00	66	98.48	92	97.80	40	100.00		
Ionophores	87	100.00	65	98.46	84	98.80	40	100.00		
Macrolides	71	100.00	83	100.00	84	100.00	40	100.00		
Metals	1,454	N/A	1,908	N/A	1,620	N/A	1,239	N/A	134	N/A
Mycotoxins	40	100.00	50	100.00	54	100.00	50	100.00	2	100.00
Nitrofurans	34	100.00								
Nitroimidazoles	46	100.00								
NSAID (1)	81	100.00	84	100.00	90	100.00	45	100.00		
Pesticides	68	100.00	133	100.00	108	100.00	82	100.00	73	100.00
Phenicols	48	100.00	2	100.00						
Phenylbutazone (1)			29	100.00	36	100.00			7	100.00
Ronidazole			38	100.00	82	100.00	40	100.00		
Spectinomycin	30	100.00	58	100.00	92	100.00	40	100.00		
Sulfonamides	63	100.00	83	100.00	84	100.00	40	100.00		
Synthetic Pyrethrin	41	100.00	66	100.00	181	100.00	82	100.00		
Tetracyclines	10	100.00	101	98.02	84	98.80	40	100.00		
Thyreostatica	77	76.62	116	100.00	50	92.00	40	97.50		
Tranquillizer	63	100.00	71	100.00	92	100.00	40	100.00		
Trenbolone Acetate	49	100.00	36	100.00	80	100.00	38	100.00		
Virginiamycin	24	100.00								
Zeranol / Stilbenes	26	100.00	17	100.00	90	100.00	39	100.00		
Import Total	3,170		3,967		4,310		2,545		253	
Note 1: The multi-residue method called NSAID includes and replaces the single-residue methods for Flunixin and Phenylbutazone										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Total Dairy Products	7,705		8,775		10,351		4,436		6,018	

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Monitoring in Domestic Dairy Products By Specific Tests

CHEESE

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CARBAMATES	16	Carbamates Screen					
CHLORINATED PHENOLS	13	Chlorinated Phenol Screen					
PESTICIDES-D	34	Pesticide Screen					
SYNTHETIC PYRETHRINS	15	Synthetic Pyrethrin Screen					

Mycotoxin, in ppb

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
MYCOTOXIN	1	Aflatoxin M1					

Veterinary Drug

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ANTHELMINTIC	20	Anthelmintic Screen					
BACITRACIN	10	Bacitracin A					
B-AGONISTS	17	B-Agonists Screen					
BENZIMIDAZOLES	16	Benzimidazole Screen	2				
BENZIMIDAZOLES	16	Carbendazim	1	0.0064	0.0064	0.0064	1
BENZIMIDAZOLES	16	Fenbendazole	1	0.0010	0.0010	0.0010	
BENZIMIDAZOLES	16	Oxfendazole	1	0.0030	0.0030	0.0030	1
CEFTIOFUR	1	Ceftiofur					
DEXAMETHAZONE	6	Dexamethasone					
DIPYRONE	24	Dipyrone Screen					
FLUOROQUINOLONES	1	Fluoroquinolone Screen					
GESTAGENS	11	Gestagens Screen					
MACROLIDES	1	Macrolides Screen					
NITROFURANS	7	Nitrofurans Screen					
NITROIMIDAZOLES	1	Dinitroimidazole Screen					
NSAID	1	NSAID					
THYREOSTATICA	18	Thyreostats Screen	3				
THYREOSTATICA	18	Thiouracil	3	0.0083	0.0060	0.0130	3
TRANQUILIZER	14	Tranquilizers Screen					
TRENBOLONE ACETATE	17	Trenbolone Acetate Screen					
VIRGINIAMYCIN	4	Virginiamycin M					
ZERANOL / STILBENES	11	Zeranol/Stilbenes Screen					

RAW MILK

Mycotoxin, in ppb

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
MYCOTOXIN	161	Aflatoxin M1	1	0.0150	0.0150	0.0150	

Veterinary Drug

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CEFTIOFUR	53	Ceftiofur					
ENDECTOCIDES	263	Endectocides Screen	3				
ENDECTOCIDES	263	Moxidectin	3	0.0099	0.0020	0.0250	3

RAW MILK

Veterinary Drug

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FLUNIXIN	390	Flunixin					
GLYCOSIDES(1)	414	Glycosides Screen					
MACROLIDES	268	Macrolides Screen					
PENICILLINS(1)	146	Penicillin G					
PHENICOLS(1)	256	Phenicol Screen					
PHENYLBUTAZONE	143	Phenylbutazone					
SULFONAMIDES(3)	414	Sulfa screen					
TETRACYCLINES(1)	416	Tetracycline screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Domestic Dairy Products

RAW MILK							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	138	107	0.4038	0.0060	7.0750		3
Arsenic	138	94	0.0669	0.0010	5.6300		2
Cadmium	138	54	0.0259	0.0010	1.1400		1
Lead	138	98	0.0751	0.0004	2.9290		23
Mercury	248	0					
Nickel	138	131	0.2194	0.0271	6.3200		2
Selenium	138	120	0.0927	0.0030	0.8620		
Tin	138	133	0.0882	0.0070	0.6030		
Zinc	138	138	3.3515	0.9560	11.8730		2
All Metals and Elements	1352	875					33

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Monitoring in Import Dairy Products By Country & Specific Tests

BUTTER

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CHLORINATED PHENOLS	NEW ZEALAND	1	Chlorinated Phenol Screen					
PESTICIDES-D	NEW ZEALAND	1	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
GESTAGENS	NEW ZEALAND	1	Gestagens Screen					
NSAID	URUGUAY	1	NSAID					

CHEESE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CARBAMATES	BRAZIL	1	Carbamates Screen					
CARBAMATES	BULGARIA	1	Carbamates Screen					
CARBAMATES	DENMARK	9	Carbamates Screen					
CARBAMATES	EGYPT	1	Carbamates Screen					
CARBAMATES	EL SALVADOR	1	Carbamates Screen					
CARBAMATES	FINLAND	2	Carbamates Screen					
CARBAMATES	FRANCE	12	Carbamates Screen					
CARBAMATES	GERMANY	3	Carbamates Screen					
CARBAMATES	GREECE	2	Carbamates Screen					
CARBAMATES	IRELAND	1	Carbamates Screen					
CARBAMATES	ITALY	16	Carbamates Screen					
CARBAMATES	NETHERLANDS	6	Carbamates Screen					
CARBAMATES	NORWAY	4	Carbamates Screen					
CARBAMATES	PHILIPPINES	1	Carbamates Screen					
CARBAMATES	PORTUGAL	2	Carbamates Screen					
CARBAMATES	ROMANIA	1	Carbamates Screen					
CARBAMATES	SPAIN	1	Carbamates Screen					
CARBAMATES	SWAZILAND	1	Carbamates Screen					
CARBAMATES	SWITZERLAND	4	Carbamates Screen					
CARBAMATES	UNITED KINGDOM	2	Carbamates Screen					
CARBAMATES	UNITED STATES	7	Carbamates Screen					
CARBAMATES	UNKNOWN	1	Carbamates Screen					
CHLORINATED PHENOLS	DENMARK	10	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	EL SALVADOR	1	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	FINLAND	1	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	FRANCE	17	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	GERMANY	1	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	GREECE	1	Chlorinated Phenol Screen					

CHEESE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CHLORINATED PHENOLS	IRELAND	3	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	ITALY	18	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	NETHERLANDS	5	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	NORWAY	3	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	PORTUGAL	1	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	ROMANIA	1	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	SCOTLAND	1	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	SWITZERLAND	2	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	UNITED KINGDOM	3	Chlorinated Phenol Screen					
CHLORINATED PHENOLS	UNITED STATES	4	Chlorinated Phenol Screen					
PESTICIDES-D	BULGARIA	1	Pesticide Screen					
PESTICIDES-D	DENMARK	5	Pesticide Screen					
PESTICIDES-D	EGYPT	1	Pesticide Screen					
PESTICIDES-D	EL SALVADOR	2	Pesticide Screen					
PESTICIDES-D	FRANCE	18	Pesticide Screen					
PESTICIDES-D	GERMANY	1	Pesticide Screen					
PESTICIDES-D	GREECE	1	Pesticide Screen					
PESTICIDES-D	IRELAND	3	Pesticide Screen					
PESTICIDES-D	ITALY	15	Pesticide Screen					
PESTICIDES-D	NETHERLANDS	3	Pesticide Screen					
PESTICIDES-D	NORWAY	4	Pesticide Screen					
PESTICIDES-D	PHILIPPINES	1	Pesticide Screen					
PESTICIDES-D	PORTUGAL	2	Pesticide Screen					
PESTICIDES-D	ROMANIA	1	Pesticide Screen					
PESTICIDES-D	SWITZERLAND	2	Pesticide Screen					
PESTICIDES-D	UNITED KINGDOM	1	Pesticide Screen					
PESTICIDES-D	UNITED STATES	6	Pesticide Screen					
SYNTHETIC PYRETHRINS	DENMARK	6	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	EGYPT	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	EL SALVADOR	2	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	FINLAND	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	FRANCE	7	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	GREECE	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	IRELAND	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	ITALY	10	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	NETHERLANDS	3	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	NORWAY	2	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	SPAIN	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	SWAZILAND	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	UNITED KINGDOM	1	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	UNITED STATES	3	Synthetic Pyrethrin Screen					
SYNTHETIC PYRETHRINS	UNKNOWN	1	Synthetic Pyrethrin Screen					

Mycotoxin, in ppb

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

CHEESE

Mycotoxin, in ppb

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
MYCOTOXIN	DENMARK	5	Aflatoxin M1					
MYCOTOXIN	FRANCE	10	Aflatoxin M1					
MYCOTOXIN	GERMANY	1	Aflatoxin M1					
MYCOTOXIN	ITALY	8	Aflatoxin M1	2	0.0225	0.0220	0.0230	
MYCOTOXIN	NETHERLANDS	1	Aflatoxin M1					
MYCOTOXIN	NORWAY	4	Aflatoxin M1					
MYCOTOXIN	SCOTLAND	1	Aflatoxin M1					
MYCOTOXIN	SWAZILAND	1	Aflatoxin M1					
MYCOTOXIN	SWITZERLAND	2	Aflatoxin M1					
MYCOTOXIN	UNITED KINGDOM	1	Aflatoxin M1					
MYCOTOXIN	UNITED STATES	5	Aflatoxin M1					
MYCOTOXIN	UNKNOWN	1	Aflatoxin M1					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ANTHELMINTIC	DENMARK	12	Anthelmintic Screen					
ANTHELMINTIC	EL SALVADOR	1	Anthelmintic Screen					
ANTHELMINTIC	FINLAND	1	Anthelmintic Screen					
ANTHELMINTIC	FRANCE	19	Anthelmintic Screen					
ANTHELMINTIC	GERMANY	1	Anthelmintic Screen					
ANTHELMINTIC	GREECE	1	Anthelmintic Screen					
ANTHELMINTIC	IRELAND	2	Anthelmintic Screen					
ANTHELMINTIC	ITALY	19	Anthelmintic Screen					
ANTHELMINTIC	MEXICO	1	Anthelmintic Screen					
ANTHELMINTIC	NETHERLANDS	6	Anthelmintic Screen					
ANTHELMINTIC	NORWAY	7	Anthelmintic Screen					
ANTHELMINTIC	PORTUGAL	1	Anthelmintic Screen					
ANTHELMINTIC	SCOTLAND	1	Anthelmintic Screen					
ANTHELMINTIC	SWAZILAND	1	Anthelmintic Screen					
ANTHELMINTIC	SWITZERLAND	5	Anthelmintic Screen					
ANTHELMINTIC	UNITED KINGDOM	3	Anthelmintic Screen					
ANTHELMINTIC	UNITED STATES	11	Anthelmintic Screen					
ANTHELMINTIC	UNKNOWN	1	Anthelmintic Screen					
BACITRACIN	DENMARK	4	Bacitracin A					
BACITRACIN	EL SALVADOR	1	Bacitracin A					
BACITRACIN	FRANCE	4	Bacitracin A					
BACITRACIN	ITALY	7	Bacitracin A					
BACITRACIN	NETHERLANDS	1	Bacitracin A					
BACITRACIN	NORWAY	1	Bacitracin A					
BACITRACIN	PORTUGAL	1	Bacitracin A					
BACITRACIN	UNITED STATES	3	Bacitracin A					
B-AGONISTS	BRAZIL	1	B-Agonists Screen					
B-AGONISTS	DENMARK	7	B-Agonists Screen					
B-AGONISTS	FINLAND	3	B-Agonists Screen					
B-AGONISTS	FRANCE	10	B-Agonists Screen					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
B-AGONISTS	GERMANY	1	B-Agonists Screen					
B-AGONISTS	GREECE	1	B-Agonists Screen					
B-AGONISTS	ITALY	13	B-Agonists Screen					
B-AGONISTS	NETHERLANDS	3	B-Agonists Screen					
B-AGONISTS	NORWAY	4	B-Agonists Screen					
B-AGONISTS	SCOTLAND	1	B-Agonists Screen					
B-AGONISTS	SPAIN	1	B-Agonists Screen					
B-AGONISTS	SWAZILAND	2	B-Agonists Screen					
B-AGONISTS	SWITZERLAND	2	B-Agonists Screen					
B-AGONISTS	UNITED KINGDOM	4	B-Agonists Screen					
B-AGONISTS	UNITED STATES	6	B-Agonists Screen					
B-AGONISTS	UNKNOWN	1	B-Agonists Screen					
BENZIMIDAZOLES	DENMARK	10	Benzimidazole Screen					
BENZIMIDAZOLES	EGYPT	1	Benzimidazole Screen					
BENZIMIDAZOLES	EL SALVADOR	1	Benzimidazole Screen					
BENZIMIDAZOLES	FINLAND	2	Benzimidazole Screen					
BENZIMIDAZOLES	FRANCE	15	Benzimidazole Screen					
BENZIMIDAZOLES	GERMANY	2	Benzimidazole Screen					
BENZIMIDAZOLES	IRELAND	1	Benzimidazole Screen					
BENZIMIDAZOLES	ITALY	18	Benzimidazole Screen	1				
BENZIMIDAZOLES	ITALY	18	Levamisole	1	0.0033	0.0033	0.0033	1
BENZIMIDAZOLES	MEXICO	1	Benzimidazole Screen					
BENZIMIDAZOLES	NETHERLANDS	3	Benzimidazole Screen					
BENZIMIDAZOLES	NORWAY	8	Benzimidazole Screen	1				
BENZIMIDAZOLES	NORWAY	8	Thiabendazole	1	0.0020	0.0020	0.0020	
BENZIMIDAZOLES	PORTUGAL	1	Benzimidazole Screen					
BENZIMIDAZOLES	ROMANIA	1	Benzimidazole Screen	1				
BENZIMIDAZOLES	ROMANIA	1	Albendazole	1	0.0229	0.0229	0.0229	1
BENZIMIDAZOLES	ROMANIA	1	Albendazole Sulfoxide	1	0.0987	0.0987	0.0987	1
BENZIMIDAZOLES	ROMANIA	1	Albendazole Sulphone	1	0.0267	0.0267	0.0267	1
BENZIMIDAZOLES	SCOTLAND	1	Benzimidazole Screen					
BENZIMIDAZOLES	SWITZERLAND	5	Benzimidazole Screen					
BENZIMIDAZOLES	UNITED STATES	6	Benzimidazole Screen					
CEFTIOFUR	DENMARK	4	Ceftiofur					
CEFTIOFUR	EGYPT	1	Ceftiofur					
CEFTIOFUR	EL SALVADOR	1	Ceftiofur					
CEFTIOFUR	FINLAND	1	Ceftiofur					
CEFTIOFUR	FRANCE	13	Ceftiofur					
CEFTIOFUR	GERMANY	2	Ceftiofur					
CEFTIOFUR	IRELAND	1	Ceftiofur					
CEFTIOFUR	ITALY	12	Ceftiofur					
CEFTIOFUR	NETHERLANDS	3	Ceftiofur					
CEFTIOFUR	NORWAY	2	Ceftiofur					
CEFTIOFUR	ROMANIA	1	Ceftiofur					
CEFTIOFUR	SPAIN	1	Ceftiofur					
CEFTIOFUR	SWITZERLAND	6	Ceftiofur					
CEFTIOFUR	UNITED KINGDOM	2	Ceftiofur					
CEFTIOFUR	UNITED STATES	4	Ceftiofur					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CHLORAMPHENICOL(1)	NORWAY	1	Chloramphenicol					
CHLORAMPHENICOL(1)	SWITZERLAND	1	Chloramphenicol					
CHLORAMPHENICOL(1)	UNITED STATES	1	Chloramphenicol					
DECOQUINATE	BRAZIL	1	Decoquinate					
DECOQUINATE	DENMARK	2	Decoquinate					
DECOQUINATE	FINLAND	3	Decoquinate					
DECOQUINATE	FRANCE	10	Decoquinate					
DECOQUINATE	GERMANY	1	Decoquinate					
DECOQUINATE	GREECE	1	Decoquinate					
DECOQUINATE	IRELAND	2	Decoquinate					
DECOQUINATE	ITALY	10	Decoquinate					
DECOQUINATE	NETHERLANDS	1	Decoquinate					
DECOQUINATE	PHILIPPINES	1	Decoquinate					
DECOQUINATE	PORTUGAL	1	Decoquinate					
DECOQUINATE	SCOTLAND	1	Decoquinate					
DECOQUINATE	SPAIN	1	Decoquinate					
DECOQUINATE	SWITZERLAND	2	Decoquinate					
DECOQUINATE	UNITED STATES	3	Decoquinate					
DEXAMETHAZONE	DENMARK	4	Dexamethasone					
DEXAMETHAZONE	FINLAND	1	Dexamethasone					
DEXAMETHAZONE	FRANCE	5	Dexamethasone					
DEXAMETHAZONE	GERMANY	1	Dexamethasone					
DEXAMETHAZONE	ITALY	4	Dexamethasone					
DEXAMETHAZONE	NETHERLANDS	1	Dexamethasone					
DEXAMETHAZONE	NORWAY	4	Dexamethasone					
DEXAMETHAZONE	SWAZILAND	2	Dexamethasone					
DEXAMETHAZONE	UNITED KINGDOM	3	Dexamethasone					
DEXAMETHAZONE	UNITED STATES	6	Dexamethasone					
DIPYRONE	BRAZIL	1	Dipyrone Screen					
DIPYRONE	DENMARK	7	Dipyrone Screen					
DIPYRONE	EGYPT	1	Dipyrone Screen					
DIPYRONE	EL SALVADOR	2	Dipyrone Screen					
DIPYRONE	FINLAND	2	Dipyrone Screen					
DIPYRONE	FRANCE	17	Dipyrone Screen					
DIPYRONE	GERMANY	2	Dipyrone Screen					
DIPYRONE	GREECE	1	Dipyrone Screen					
DIPYRONE	ITALY	19	Dipyrone Screen					
DIPYRONE	NETHERLANDS	2	Dipyrone Screen					
DIPYRONE	NORWAY	6	Dipyrone Screen					
DIPYRONE	PORTUGAL	2	Dipyrone Screen					
DIPYRONE	ROMANIA	1	Dipyrone Screen					
DIPYRONE	SWITZERLAND	1	Dipyrone Screen					
DIPYRONE	UNITED KINGDOM	2	Dipyrone Screen					
DIPYRONE	UNITED STATES	6	Dipyrone Screen					
ENDECTOCIDES	DENMARK	5	Endectocides Screen					
ENDECTOCIDES	EGYPT	1	Endectocides Screen					
ENDECTOCIDES	EL SALVADOR	1	Endectocides Screen					
ENDECTOCIDES	FRANCE	13	Endectocides Screen					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ENDECTOCIDES	GERMANY	1	Endectocides Screen					
ENDECTOCIDES	ITALY	11	Endectocides Screen					
ENDECTOCIDES	NETHERLANDS	6	Endectocides Screen					
ENDECTOCIDES	NORWAY	7	Endectocides Screen					
ENDECTOCIDES	SWAZILAND	1	Endectocides Screen					
ENDECTOCIDES	SWITZERLAND	4	Endectocides Screen					
ENDECTOCIDES	UNITED KINGDOM	2	Endectocides Screen					
ENDECTOCIDES	UNITED STATES	7	Endectocides Screen					
ENDECTOCIDES	UNKNOWN	1	Endectocides Screen					
FLUOROQUINOLONES	DENMARK	9	Fluoroquinolone Screen					
FLUOROQUINOLONES	EGYPT	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	EL SALVADOR	2	Fluoroquinolone Screen					
FLUOROQUINOLONES	FRANCE	17	Fluoroquinolone Screen					
FLUOROQUINOLONES	GERMANY	3	Fluoroquinolone Screen					
FLUOROQUINOLONES	IRELAND	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	ITALY	14	Fluoroquinolone Screen	1				
FLUOROQUINOLONES	ITALY	14	Ciprofloxacin	1	0.0011	0.0011	0.0011	
FLUOROQUINOLONES	NETHERLANDS	9	Fluoroquinolone Screen					
FLUOROQUINOLONES	NORWAY	8	Fluoroquinolone Screen					
FLUOROQUINOLONES	PHILIPPINES	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	SCOTLAND	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	SWAZILAND	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	SWITZERLAND	6	Fluoroquinolone Screen					
FLUOROQUINOLONES	UNITED KINGDOM	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	UNITED STATES	7	Fluoroquinolone Screen					
GESTAGENS	BRAZIL	1	Gestagens Screen					
GESTAGENS	DENMARK	7	Gestagens Screen					
GESTAGENS	FINLAND	3	Gestagens Screen					
GESTAGENS	FRANCE	15	Gestagens Screen					
GESTAGENS	GERMANY	1	Gestagens Screen					
GESTAGENS	GREECE	1	Gestagens Screen					
GESTAGENS	IRELAND	1	Gestagens Screen					
GESTAGENS	ITALY	16	Gestagens Screen					
GESTAGENS	NETHERLANDS	2	Gestagens Screen					
GESTAGENS	NORWAY	1	Gestagens Screen					
GESTAGENS	PORTUGAL	1	Gestagens Screen					
GESTAGENS	ROMANIA	1	Gestagens Screen					
GESTAGENS	SPAIN	1	Gestagens Screen					
GESTAGENS	SWAZILAND	1	Gestagens Screen					
GESTAGENS	SWITZERLAND	1	Gestagens Screen					
GESTAGENS	UNITED KINGDOM	1	Gestagens Screen					
GESTAGENS	UNITED STATES	5	Gestagens Screen					
GESTAGENS	UNKNOWN	1	Gestagens Screen					
GLYCOSIDES(3)	ARGENTINA	1	Glycosides Screen					
GLYCOSIDES(3)	DENMARK	5	Glycosides Screen					
GLYCOSIDES(3)	FINLAND	1	Glycosides Screen					
GLYCOSIDES(3)	FRANCE	8	Glycosides Screen					
GLYCOSIDES(3)	GERMANY	1	Glycosides Screen					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
GLYCOSIDES(3)	IRELAND	1	Glycosides Screen					
GLYCOSIDES(3)	ITALY	12	Glycosides Screen					
GLYCOSIDES(3)	MEXICO	1	Glycosides Screen					
GLYCOSIDES(3)	NETHERLANDS	8	Glycosides Screen					
GLYCOSIDES(3)	NORWAY	5	Glycosides Screen					
GLYCOSIDES(3)	SWAZILAND	1	Glycosides Screen					
GLYCOSIDES(3)	SWITZERLAND	2	Glycosides Screen					
GLYCOSIDES(3)	UNITED KINGDOM	2	Glycosides Screen					
GLYCOSIDES(3)	UNITED STATES	5	Glycosides Screen					
IONOPHORES	ARGENTINA	1	Ionophore Screen					
IONOPHORES	BRAZIL	1	Ionophore Screen					
IONOPHORES	DENMARK	8	Ionophore Screen					
IONOPHORES	EL SALVADOR	1	Ionophore Screen					
IONOPHORES	FINLAND	1	Ionophore Screen					
IONOPHORES	FRANCE	15	Ionophore Screen					
IONOPHORES	GERMANY	2	Ionophore Screen					
IONOPHORES	GREECE	1	Ionophore Screen					
IONOPHORES	ITALY	15	Ionophore Screen					
IONOPHORES	MEXICO	1	Ionophore Screen					
IONOPHORES	NETHERLANDS	11	Ionophore Screen					
IONOPHORES	NORWAY	9	Ionophore Screen					
IONOPHORES	PHILIPPINES	1	Ionophore Screen					
IONOPHORES	SPAIN	1	Ionophore Screen					
IONOPHORES	SWITZERLAND	6	Ionophore Screen					
IONOPHORES	UNITED KINGDOM	3	Ionophore Screen					
IONOPHORES	UNITED STATES	10	Ionophore Screen	4				
IONOPHORES	UNITED STATES	10	Monensin	4	0.0007	0.0006	0.0007	
MACROLIDES	BRAZIL	1	Macrolides Screen					
MACROLIDES	DENMARK	9	Macrolides Screen					
MACROLIDES	FINLAND	3	Macrolides Screen					
MACROLIDES	FRANCE	11	Macrolides Screen					
MACROLIDES	GERMANY	1	Macrolides Screen					
MACROLIDES	GREECE	1	Macrolides Screen					
MACROLIDES	ITALY	14	Macrolides Screen					
MACROLIDES	NETHERLANDS	4	Macrolides Screen					
MACROLIDES	NORWAY	7	Macrolides Screen					
MACROLIDES	SCOTLAND	1	Macrolides Screen					
MACROLIDES	SPAIN	1	Macrolides Screen					
MACROLIDES	SWAZILAND	2	Macrolides Screen					
MACROLIDES	SWITZERLAND	3	Macrolides Screen					
MACROLIDES	UNITED KINGDOM	4	Macrolides Screen					
MACROLIDES	UNITED STATES	8	Macrolides Screen					
MACROLIDES	UNKNOWN	1	Macrolides Screen					
NITROFURANS	BRAZIL	1	Nitrofurans Screen					
NITROFURANS	BULGARIA	1	Nitrofurans Screen					
NITROFURANS	DENMARK	3	Nitrofurans Screen					
NITROFURANS	FRANCE	2	Nitrofurans Screen					
NITROFURANS	GERMANY	2	Nitrofurans Screen					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
NITROFURANS	ITALY	10	Nitrofurans Screen					
NITROFURANS	NETHERLANDS	3	Nitrofurans Screen					
NITROFURANS	NORWAY	3	Nitrofurans Screen					
NITROFURANS	PORTUGAL	2	Nitrofurans Screen					
NITROFURANS	SWITZERLAND	4	Nitrofurans Screen					
NITROFURANS	UNITED STATES	3	Nitrofurans Screen					
NITROIMIDAZOLES	DENMARK	9	Dinitroimidazole Screen					
NITROIMIDAZOLES	EL SALVADOR	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	FRANCE	9	Dinitroimidazole Screen					
NITROIMIDAZOLES	GERMANY	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	GREECE	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	ITALY	10	Dinitroimidazole Screen					
NITROIMIDAZOLES	NETHERLANDS	2	Dinitroimidazole Screen					
NITROIMIDAZOLES	NORWAY	4	Dinitroimidazole Screen					
NITROIMIDAZOLES	ROMANIA	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	SWAZILAND	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	SWITZERLAND	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	UNITED KINGDOM	3	Dinitroimidazole Screen					
NITROIMIDAZOLES	UNITED STATES	3	Dinitroimidazole Screen					
NSAID	DENMARK	8	NSAID					
NSAID	EGYPT	1	NSAID					
NSAID	EL SALVADOR	1	NSAID					
NSAID	FINLAND	1	NSAID					
NSAID	FRANCE	18	NSAID					
NSAID	GERMANY	2	NSAID					
NSAID	ITALY	15	NSAID					
NSAID	MEXICO	1	NSAID					
NSAID	NETHERLANDS	7	NSAID					
NSAID	NORWAY	7	NSAID					
NSAID	SCOTLAND	1	NSAID					
NSAID	SPAIN	1	NSAID					
NSAID	SWAZILAND	1	NSAID					
NSAID	SWITZERLAND	5	NSAID					
NSAID	UNITED KINGDOM	4	NSAID					
NSAID	UNITED STATES	6	NSAID					
NSAID	UNKNOWN	1	NSAID					
PHENICOLS(1)	DENMARK	4	Phenicol Screen					
PHENICOLS(1)	EL SALVADOR	1	Phenicol Screen					
PHENICOLS(1)	FRANCE	9	Phenicol Screen					
PHENICOLS(1)	GERMANY	1	Phenicol Screen					
PHENICOLS(1)	GREECE	1	Phenicol Screen					
PHENICOLS(1)	ITALY	12	Phenicol Screen					
PHENICOLS(1)	NETHERLANDS	3	Phenicol Screen					
PHENICOLS(1)	NORWAY	6	Phenicol Screen					
PHENICOLS(1)	SPAIN	1	Phenicol Screen					
PHENICOLS(1)	SWITZERLAND	3	Phenicol Screen					
PHENICOLS(1)	UNITED KINGDOM	2	Phenicol Screen					
PHENICOLS(1)	UNITED STATES	4	Phenicol Screen					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PHENICOLS(1)	UNKNOWN	1	Phenicol Screen					
SPECTINOMYCIN	ARGENTINA	1	Spectinomycin					
SPECTINOMYCIN	DENMARK	3	Spectinomycin					
SPECTINOMYCIN	FRANCE	5	Spectinomycin					
SPECTINOMYCIN	ITALY	4	Spectinomycin					
SPECTINOMYCIN	MEXICO	1	Spectinomycin					
SPECTINOMYCIN	NETHERLANDS	6	Spectinomycin					
SPECTINOMYCIN	NORWAY	4	Spectinomycin					
SPECTINOMYCIN	SWITZERLAND	1	Spectinomycin					
SPECTINOMYCIN	UNITED KINGDOM	1	Spectinomycin					
SPECTINOMYCIN	UNITED STATES	4	Spectinomycin					
SULFONAMIDES(3)	DENMARK	10	Sulfa screen					
SULFONAMIDES(3)	FINLAND	2	Sulfa screen					
SULFONAMIDES(3)	FRANCE	15	Sulfa screen					
SULFONAMIDES(3)	GERMANY	3	Sulfa screen					
SULFONAMIDES(3)	GREECE	1	Sulfa screen					
SULFONAMIDES(3)	IRELAND	1	Sulfa screen					
SULFONAMIDES(3)	ITALY	10	Sulfa screen					
SULFONAMIDES(3)	NETHERLANDS	5	Sulfa screen					
SULFONAMIDES(3)	NORWAY	4	Sulfa screen					
SULFONAMIDES(3)	ROMANIA	1	Sulfa screen					
SULFONAMIDES(3)	SWAZILAND	1	Sulfa screen					
SULFONAMIDES(3)	SWITZERLAND	3	Sulfa screen					
SULFONAMIDES(3)	UNITED STATES	7	Sulfa screen					
TETRACYCLINES(1)	DENMARK	1	Tetracycline screen					
TETRACYCLINES(1)	FRANCE	1	Tetracycline screen					
TETRACYCLINES(1)	ITALY	1	Tetracycline screen					
TETRACYCLINES(1)	NETHERLANDS	1	Tetracycline screen					
TETRACYCLINES(1)	NORWAY	3	Tetracycline screen					
TETRACYCLINES(1)	SWITZERLAND	1	Tetracycline screen					
TETRACYCLINES(1)	UNITED STATES	2	Tetracycline screen					
THYREOSTATICA	BRAZIL	1	Thyreostats Screen					
THYREOSTATICA	DENMARK	5	Thyreostats Screen	1				
THYREOSTATICA	DENMARK	5	Thiouracil	1	0.0156	0.0156	0.0156	1
THYREOSTATICA	FINLAND	1	Thyreostats Screen					
THYREOSTATICA	FRANCE	19	Thyreostats Screen	5				
THYREOSTATICA	FRANCE	19	Thiouracil	5	0.0141	0.0109	0.0197	5
THYREOSTATICA	GERMANY	1	Thyreostats Screen					
THYREOSTATICA	GREECE	1	Thyreostats Screen					
THYREOSTATICA	IRELAND	1	Thyreostats Screen					
THYREOSTATICA	ITALY	16	Thyreostats Screen	3				
THYREOSTATICA	ITALY	16	Thiouracil	3	0.0240	0.0080	0.0425	3
THYREOSTATICA	NETHERLANDS	2	Thyreostats Screen					
THYREOSTATICA	NORWAY	9	Thyreostats Screen	4				
THYREOSTATICA	NORWAY	9	Thiouracil	4	0.0584	0.0410	0.0919	4
THYREOSTATICA	PHILIPPINES	1	Thyreostats Screen					
THYREOSTATICA	PORTUGAL	1	Thyreostats Screen					
THYREOSTATICA	ROMANIA	1	Thyreostats Screen					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THYREOSTATICA	SCOTLAND	1	Thyreostats Screen	1				
THYREOSTATICA	SCOTLAND	1	Thiouracil	1	0.0063	0.0063	0.0063	1
THYREOSTATICA	SWAZILAND	1	Thyreostats Screen	1				
THYREOSTATICA	SWAZILAND	1	Thiouracil	1	0.0187	0.0187	0.0187	1
THYREOSTATICA	SWITZERLAND	6	Thyreostats Screen	1				
THYREOSTATICA	SWITZERLAND	6	Thiouracil	1	0.0055	0.0055	0.0055	1
THYREOSTATICA	UNITED KINGDOM	2	Thyreostats Screen	2				
THYREOSTATICA	UNITED KINGDOM	2	Thiouracil	2	0.0138	0.0070	0.0205	2
THYREOSTATICA	UNITED STATES	8	Thyreostats Screen					
TRANQUILIZER	BRAZIL	1	Tranquilizers Screen					
TRANQUILIZER	DENMARK	8	Tranquilizers Screen					
TRANQUILIZER	FINLAND	1	Tranquilizers Screen					
TRANQUILIZER	FRANCE	13	Tranquilizers Screen					
TRANQUILIZER	GERMANY	1	Tranquilizers Screen					
TRANQUILIZER	GREECE	1	Tranquilizers Screen					
TRANQUILIZER	IRELAND	1	Tranquilizers Screen					
TRANQUILIZER	ITALY	16	Tranquilizers Screen					
TRANQUILIZER	MEXICO	1	Tranquilizers Screen					
TRANQUILIZER	NETHERLANDS	5	Tranquilizers Screen					
TRANQUILIZER	NORWAY	5	Tranquilizers Screen					
TRANQUILIZER	SWAZILAND	1	Tranquilizers Screen					
TRANQUILIZER	SWITZERLAND	4	Tranquilizers Screen					
TRANQUILIZER	UNITED STATES	5	Tranquilizers Screen					
TRENBOLONE ACETATE	DENMARK	2	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	FINLAND	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	FRANCE	12	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	GERMANY	2	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	GREECE	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	ITALY	17	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	NETHERLANDS	2	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	NORWAY	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	PORTUGAL	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	ROMANIA	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	SPAIN	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	SWAZILAND	2	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	SWITZERLAND	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	UNITED KINGDOM	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	UNITED STATES	3	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	UNKNOWN	1	Trenbolone Acetate Screen					
VIRGINIAMYCIN	DENMARK	3	Virginiamycin M					
VIRGINIAMYCIN	FRANCE	5	Virginiamycin M					
VIRGINIAMYCIN	GREECE	1	Virginiamycin M					
VIRGINIAMYCIN	ITALY	3	Virginiamycin M					
VIRGINIAMYCIN	NETHERLANDS	1	Virginiamycin M					
VIRGINIAMYCIN	NORWAY	1	Virginiamycin M					
VIRGINIAMYCIN	PHILIPPINES	1	Virginiamycin M					
VIRGINIAMYCIN	SPAIN	1	Virginiamycin M					
VIRGINIAMYCIN	SWITZERLAND	2	Virginiamycin M					

CHEESE

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
VIRGINIAMYCIN	UNITED KINGDOM	3	Virginiamycin M					
VIRGINIAMYCIN	UNITED STATES	3	Virginiamycin M					
ZERANOL / STILBENES	DENMARK	3	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	EL SALVADOR	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	FRANCE	2	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	IRELAND	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	ITALY	9	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	NETHERLANDS	2	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	PORTUGAL	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	ROMANIA	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	SCOTLAND	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	SWITZERLAND	2	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	UNITED KINGDOM	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	UNITED STATES	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	UNKNOWN	1	Zeranol/Stilbenes Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Import Dairy Products

CHEESE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	102	83	0.8185	0.0570	6.7000		1
Arsenic	102	56	0.0424	0.0050	0.2400		6
Boron	102	75	0.7875	0.1000	4.4000		
Cadmium	102	20	0.0363	0.0022	0.1400		6
Chromium	102	85	0.1248	0.0100	0.7000		1
Copper	102	102	1.5072	0.0900	24.4100		10
Iron	102	102	14.2314	0.6070	63.1000		15
Lead	102	48	0.0184	0.0021	0.1500		11
Manganese	102	101	0.4724	0.0370	8.0800		4
Mercury	26	0					
Nickel	102	93	0.1485	0.0100	1.3100		
Selenium	102	101	0.1573	0.0230	0.5000		1
Tin	102	28	0.7089	0.0220	17.4000		
Titanium	102	69	2.0451	0.0400	20.7700		4
Zinc	102	102	26.3035	1.4710	70.0700		6
All Metals and Elements	1454	1065					65

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

COMPLIANCE SUMMARY FOR EGGS AND EGG PRODUCTS

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Domestic Eggs and Egg Products:										
Albendazole:	Included in Benzimidazoles multi-residue screen starting in 2006/2007									
Eggs			16	100.00	94	100.00	41	100.00		
Anthelmintics:										
Eggs	238	100.00	14	100.00	100	100.00	50	100.00		
Antibiotics:	Discontinued as a category for 2004/05									
Eggs	N/A		N/A		N/A		N/A		1,465	100.00
Bacitracin:	New in 2007/2008									
Eggs	136	100.00							N/A	
B-Agonists:										
Eggs	175	100.00	11	100.00	32	100.00	12	100.00		
Benzimidazoles:										
Eggs	287	99.65	59	100.00	101	100.00	39	100.00		
Carbamates:										
Eggs	245	100.00	239	100.00	519	100.00	258	100.00		
Ceftiofur:	New in 2007/2008									
Eggs	203	100.00							N/A	
Chloramphenicol:	Included in Phenicols multi-residue screen starting in 2007/2008									
Eggs	23	100.00	359	100.00	530	100.00	345	100.00	68	100.00
Egg products	0		0		0		0		4	100.00
Subtotal	23		359		530		345		72	
Chlorinated phenol:										
Eggs	150	100.00	354	100.00	480	100.00	273	100.00		
Clopidol:										
Eggs	136	100.00	357	100.00	522	99.81	321	100.00	260	98.83
Egg products	0		0		0		0		17	100.00
Subtotal	136		357		522		321		274	
Coccidiostats (multiresidue):	Discontinued as a category for 2004/05									
Eggs	N/A		N/A		N/A		N/A		313	100.00
Egg products	N/A		N/A		N/A		N/A		16	100.00
Subtotal									329	
Decoquinate:										
Eggs	194	100.00	64	100.00	294	100.00	299	100.00		
Dimetridazole:	Included in Nitroimidazoles multi-residue screen starting in 2007/2008									
Eggs	24	100.00	120	100.00	97	100.00	41	100.00		
Endectocides:										
Eggs	209	100.00	37	100.00	82	100.00	47	100.00		
Flunixin:	New in 2007/2008									
Eggs	49	100.00							N/A	
Fluoroquinolones:										
Eggs	308	100.00	632	100.00	535	100.00	348	100.00	377	100.00
Egg products	0		0		0		0		17	100.00
Subtotal	308		632		535		348		394	
Furazolidone:	Included in Nitrofurans multi-residue screen starting in 2007/2008									
Eggs			36	100.00	33	100.00	19	100.00		
Glycosides:										
Eggs	260	100.00	186	100.00	323	100.00	213	100.00		
Halofuginone:										
Eggs	293	100.00	309	100.00	703	100.00	345	100.00	400	100.00
Ionophores:										
Eggs	367	93.73	615	78.70	514 (1)	88.11	345	87.25	399	99.50
Macrolides:										
Eggs	438	99.77	655	100.00	574	100.00	340	100.00		
Metals and elements:										
Eggs	3,690	N/A	3,540	N/A	3,576	N/A	3,146	N/A		
Nicarbazin:										
Eggs	259	100.00	272	98.53	256	100.00	105	100.00		
Nitrofurans:	New in 2007/2008									
Eggs	277	100.00							N/A	
Nitroimidazoles:	New in 2007/2008									
Eggs	280	100.00							N/A	
Penicillins:										
Eggs	90	100.00	123	100.00	131	100.00	183	100.00		

COMPLIANCE SUMMARY FOR EGGS AND EGG PRODUCTS

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Pesticides:										
Eggs	337	100.00	373	100.00	351	100.00	319	100.00	323	100.00
Phenicols:										
Eggs	240	100.00	0	0.00	128	100.00				
Phenylbutazone:	New in 2007/2008									
Eggs	56	100.00							N/A	
Ronidazole:	Included in Nitroimidazoles multi-residue screen starting in 2007/2008									
Eggs	N/A		9	100.00	43	100.00	35	100.00		
Spectinomycin:	Included in Glycosides multi-residue screen starting in 2007/2008									
Eggs	5	100.00	60	100.00	53	100.00	25	100.00		
Sulfonamides:										
Eggs	221	100.00	486	99.79	508	100.00	331	100.00	357	100.00
Synthetic pyrethrins:										
Eggs	260	100.00	323	100.00	538	100.00	258	100.00		
Tetracyclines:										
Eggs	451	100.00	521	100.00	587	99.83	332	99.40		
Thyreostats:	New in 2007/2008									
Eggs	58	100.00							N/A	
Tranquilizers:	New in 2007/2008									
Eggs	59	100.00							N/A	
Virginiamycin:	New in 2007/2008									
Eggs	121	100.00							N/A	
Domestic Total	10,139		9,770		11,704		8,070		5,498	

Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.

COMPLIANCE SUMMARY FOR EGGS AND EGG PRODUCTS

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Imported Eggs and Egg Products:										
Albendazole			8	100.00	70	100.00	34	100.00	N/A	
Anthelmintics	173	100.00	37	100.00	68	100.00	43	100.00	N/A	
Bacitracin	88	100.00							N/A	
B-Agonists	129	100.00	1	100.00	26	100.00	4	100.00	N/A	
Benzimidazoles	182	100.00	40	100.00	72	100.00	40	100.00	N/A	
Carbamates	169	100.00	271	100.00	371	100.00	223	100.00	N/A	
Ceftiofur	142	100.00							N/A	
Chloramphenicol	2	100.00	238	100.00	387	100.00	231	100.00	17	100.00
Chlorinated phenols	69	100.00	283	100.00	367	100.00	233	100.00	0	
Clopidol	71	100.00	260	100.00	376	99.47	245	100.00	180	100.00
Decoquinate	122	100.00	30	100.00	214	100.00	239	100.00	216	100.00
Dimetridazole	7	100.00	108	100.00	81	100.00	42	100.00	N/A	
Endectocides	139	100.00	2	100.00	13	100.00	19	100.00	N/A	
Flunixin	38	100.00							N/A	
Fluoroquinolones	152	100.00	396	100.00	381	100.00	246	100.00	258	100.00
Furazolidone			21	100.00	13	100.00	10	100.00	N/A	
Glycosides	164	100.00	123	100.00	175	100.00	108	100.00	N/A	
Halofuginone	204	100.00	247	100.00	377	100.00	231	100.00	12	100.00
Ionophore	207	93.24	459	92.81	361	93.90	230	99.56	12	100.00
Ivermectin			13	100.00	48	100.00	25	100.00	N/A	
Macrolides	257	99.02	490	100.00	378	100.00	230	100.00	N/A	
Metals and elements	2,145	N/A	2,640	N/A	2,657	N/A	2,835	N/A	N/A	
Nicarbazin	163	100.00	202	100.00	180	100.00	107	100.00		
Nitrofurans	170	100.00							N/A	
Nitroimidazoles	174	100.00							N/A	
Penicillins	51	100.00	94	100.00	69	100.00	60	100.00	N/A	
Pesticides (MRA)	204	100.00	254	100.00	281	100.00	247	100.00	222	100.00
Phenicols	164	100.00							N/A	
Phenylbutazone	40	100.00							N/A	
Ronidazole			4	100.00	29	100.00	34	100.00	N/A	
Spectinomycin	3	100.00	34	100.00	20	100.00	15	100.00	N/A	
Sulfonamides	124	100.00	322	100.00	328	100.00	225	100.00	12	100.00
Synthetic Pyrethrins	158	100.00	217	100.00	382	100.00	229	100.00	N/A	
Tetracyclines	315	100.00	367	100.00	383	99.22	229	99.56	N/A	
Thyreostats	32	100.00							N/A	
Tranquilizers	30	100.00							N/A	
Virginiamycin	78	100.00							N/A	
Import Total	6,166		7,161		8,107		6,414		1,108	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Total Egg Products	16,305		16,931		19,811		14,484		6,606	

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Monitoring in Domestic Egg Products By Specific Tests

SHELL EGGS

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CARBAMATES	245	Carbamates Screen					
CHLORINATED PHENOLS	150	Chlorinated Phenol Screen					
PESTICIDES-E	337	Pesticide Screen					
SYNTHETIC PYRETHRINS	260	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ANTHELMINTIC	238	Anthelmintic Screen					
BACITRACIN	136	Bacitracin A					
B-AGONISTS	175	B-Agonists Screen					
BENZIMIDAZOLES	287	Benzimidazole Screen	1				
BENZIMIDAZOLES	287	Oxfendazole	1	0.0040	0.0040	0.0040	1
CEFTIOFUR	203	Ceftiofur					
CHLORAMPHENICOL(1)	23	Chloramphenicol					
CLOPIDOL	136	Clopidol					
DECOQUINATE	194	Decoquinate					
DIMETRIDAZOLE	24	Dimetridazole					
ENDECTOCIDES	209	Endectocides Screen					
FLUNIXIN	49	Flunixin					
FLUOROQUINOLONES	308	Fluoroquinolone Screen					
GLYCOSIDES(3)	260	Glycosides Screen					
HALOFUGINONE	293	Halofuginone					
IONOPHORES	367	Ionophore Screen	107				
IONOPHORES	367	Lasalocid	41	0.0124	0.0004	0.3333	17
IONOPHORES	367	Monensin	20	0.0005	0.0002	0.0010	
IONOPHORES	367	Narasin	29	0.0007	0.0001	0.0052	2
IONOPHORES	367	Salinomycin	41	0.0013	0.0001	0.0202	4
MACROLIDES	194	Macrolides Screen	1				
MACROLIDES	194	Erythromycin	1	0.0440	0.0440	0.0440	1
MACROLIDES(1)	86	Macrolides Screen					
MACROLIDES(2)	102	Macrolides Screen					
MACROLIDES(3)	56	Macrolides Screen					
NICARBAZIN	259	Nicarbazin					
NITROFURANS	277	Nitrofurans Screen					
NITROIMIDAZOLES	280	Dinitroimidazole Screen					
PENICILLINS(1)	90	Penicillin G	1	0.0023	0.0023	0.0023	
PHENICOLS(1)	240	Phenicol Screen					
PHENYLBUTAZONE	56	Phenylbutazone					
SPECTINOMYCIN	5	Spectinomycin					
SULFONAMIDES(3)	221	Sulfa screen					
TETRACYCLINES(1)	451	Tetracycline screen	2				
TETRACYCLINES(1)	451	Oxytetracycline	2	0.0210	0.0050	0.0370	
THYREOSTATICA	58	Thyreostats Screen					
TRANQUILIZER	59	Tranquilizers Screen					
VIRGINIAMYCIN	121	Virginiamycin M					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Monitoring of Domestic Egg Products

SHELL EGGS							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	246	41	1.1691	0.2070	9.0000		1
Arsenic	246	62	0.0380	0.0100	0.0900		1
Boron	246	116	0.8636	0.1000	2.5000		
Cadmium	246	12	0.0133	0.0100	0.0300		
Chromium	246	113	0.0787	0.0130	0.2800		
Copper	246	215	0.8087	0.3820	18.6000		2
Iron	246	246	17.3143	1.2000	42.1000		
Lead	246	4	0.0336	0.0100	0.0700		
Manganese	246	245	0.3743	0.0500	1.1600		58
Mercury	246	0					
Nickel	246	34	0.1951	0.0100	4.4800		
Selenium	246	246	0.4573	0.0300	1.7000		12
Tin	246	71	0.0466	0.0210	0.3160		
Titanium	246	172	1.1581	0.0200	2.8600		
Zinc	246	246	12.8290	1.0400	31.1000		1
All Metals and Elements	3690	1823					75

Note 1: Violations are determined if one of the following Canadian tolerances or guidelines are exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple syrup.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than expected for the commodity tested.

Directed Sampling of Suspect Domestic Egg Products By Specific Tests

SHELL EGGS

Veterinary Drug

Program	Number	Residue Found	No. Found	Mean	Min	Max	Violations
IONOPHORES PRETEST	1	Ionophore Screen	1				
IONOPHORES PRETEST	1	Lasalocid	1	0.0129	0.0129	0.0129	1
IONOPHORES PRETEST	1	Nicarbazin					

Monitoring in Import Egg Products By Country & Specific Tests

SHELL EGGS

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CARBAMATES	UNITED STATES	169	Carbamates Screen					
CHLORINATED PHENOLS	UNITED STATES	69	Chlorinated Phenol Screen					
PESTICIDES-E	UNITED STATES	204	Pesticide Screen					
SYNTHETIC PYRETHRINS	UNITED STATES	158	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ANTHELMINTIC	UNITED STATES	173	Anthelmintic Screen					
BACITRACIN	UNITED STATES	88	Bacitracin A					
B-AGONISTS	UNITED STATES	129	B-Agonists Screen					
BENZIMIDAZOLES	UNITED STATES	182	Benzimidazole Screen	1				
BENZIMIDAZOLES	UNITED STATES	182	Fenbendazole	1	0.0007	0.0007	0.0007	
CEFTIOFUR	UNITED STATES	142	Ceftiofur					
CHLORAMPHENICOL(1)	UNITED STATES	2	Chloramphenicol					
CLOPIDOL	UNITED STATES	71	Clopidol					
DECOQUINATE	UNITED STATES	122	Decoquinate					
DIMETRIDAZOLE	UNITED STATES	7	Dimetridazole					
ENDECTOCIDES	UNITED STATES	139	Endectocides Screen					
FLUNIXIN	UNITED STATES	38	Flunixin					
FLUOROQUINOLONES	UNITED STATES	152	Fluoroquinolone Screen					
GLYCOSIDES(3)	UNITED STATES	164	Glycosides Screen					
HALOFUGINONE	UNITED STATES	204	Halofuginone					
IONOPHORES	UNITED STATES	207	Ionophore Screen	24				
IONOPHORES	UNITED STATES	207	Lasalocid	21	0.0069	0.0007	0.0502	14
IONOPHORES	UNITED STATES	207	Monensin	2	0.0009	0.0007	0.0011	
IONOPHORES	UNITED STATES	207	Narasin	2	0.0003	0.0001	0.0004	
IONOPHORES	UNITED STATES	207	Salinomycin	2	0.0001	0.0001	0.0001	
MACROLIDES	UNITED STATES	159	Macrolides Screen					
MACROLIDES(1)	UNITED STATES	11	Macrolides Screen					
MACROLIDES(2)	UNITED STATES	55	Macrolides Screen	3				
MACROLIDES(2)	UNITED STATES	55	Tylosin	3	0.0010	0.0006	0.0016	
MACROLIDES(3)	UNITED STATES	32	Macrolides Screen	1				
MACROLIDES(3)	UNITED STATES	32	Tylosin	1	0.0008	0.0008	0.0008	
NICARBAZIN	UNITED STATES	163	Nicarbazin					
NITROFURANS	UNITED STATES	170	Nitrofurans Screen					
NITROIMIDAZOLES	UNITED STATES	174	Dinitroimidazole Screen					
PENICILLINS(1)	UNITED STATES	51	Penicillin G					
PHENICOLS(1)	UNITED STATES	164	Phenicol Screen					
PHENYLBUTAZONE	UNITED STATES	40	Phenylbutazone					
SPECTINOMYCIN	UNITED STATES	3	Spectinomycin					
SULFONAMIDES(3)	UNITED STATES	124	Sulfa screen	1				
SULFONAMIDES(3)	UNITED STATES	124	Sulfadimethoxine	1	0.0080	0.0080	0.0080	
TETRACYCLINES(1)	UNITED STATES	315	Tetracycline screen					

SHELL EGGS

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THYREOSTATICA	UNITED STATES	32	Thyreostats Screen					
TRANQUILIZER	UNITED STATES	30	Tranquilizers Screen					
VIRGINIAMYCIN	UNITED STATES	78	Virginiamycin M					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Monitoring of Import Egg Products

SHELL EGGS							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	143	16	0.6216	0.2080	3.3000		
Arsenic	143	19	0.0260	0.0100	0.0800		
Boron	143	76	0.8829	0.1000	2.4000		
Cadmium	143	27	0.0100	0.0021	0.0200		
Chromium	143	70	0.0952	0.0100	0.2900		
Copper	143	135	0.7660	0.0910	1.8300		
Iron	143	143	16.7308	2.8730	49.6000		
Lead	143	2	0.0550	0.0500	0.0600		
Manganese	143	143	0.3056	0.0350	0.6900		24
Mercury	143	0					
Nickel	143	32	0.1017	0.0100	0.8700		
Selenium	143	143	0.3896	0.0350	1.1900		2
Tin	143	37	0.0443	0.0200	0.3000		
Titanium	143	77	1.2131	0.0500	2.0300		
Zinc	143	143	14.0104	1.2300	49.8000		1
All Metals and Elements	2145	1063					27

Note 1: Violations are determined if one of the following Canadian tolerances or guidelines are exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple syrup.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than expected for the commodity tested.

Compliance Summary for Honey

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Domestic Honey:										
Alar:										
Honey	151	100.00			18	100.00				
Amitraz:										
Honey	208	100.00	93	100.00	233	100.00	169	100.00		
Benomyl:										
Honey	152	100.00	34	100.00	106	100.00	108	100.00		
Benzaldehyde:										
Honey	86	96.51	181	99.45	232	97.41	300	98.33	248	100.00
Butyric anhydride:										
Honey	321	49.22	227	100.00	170	100.00				
Chloramphenicol:	Included in Phenicols multi-residue screen starting in 2007/2008									
Honey	15	100.00	178	100.00	218	100.00	303	100.00	184	100.00
Dithiocarbamate:	New in 2007/2008									
Honey	41	100.00								
EBDC (Ethylene diamine)	New in 2007/2008									
Honey	42	100.00								
Ethylene thiourea:										
Honey	40	100.00			38	100.00				
Fluoroquinolones: (1)										
Honey	195	100.00	92	100.00	106	100.00	98	100.00		
Formetanate:										
Honey	215	100.00	82	100.00	98	100.00	110	100.00		
Glycosides:	New in 2007/2008									
Honey	130	99.24								
Imidacloprid:										
Honey	256	100.00	139	100.00	293	100.00				
Ionophores:										
Honey	177	100.00	117	100.00	82	100.00	98	100.00		
Macrolides: (1)										
Honey	330	100.00	238	99.55	265	75.22	332	90.77		
Metals and elements:										
Honey	2,970	N/A	2,595	N/A	1,797	N/A	1,977	N/A	7	NA
Nitrofurans: (1)										
Honey	230	100.00	196	97.45	205	99.51	224	100.00		
Penicillins: (1)										
Honey	268	100.00	148	100.00	185	100.00	329	100.00		
Pesticides: (1)										
Honey	275	100.00	288	100.00	224	100.00	163	100.00	218	100.00
Phenicols:	New in 2007/2008									
Honey	184	100.00								
Phenol:										
Honey	71	100.00	182	100.00	218	100.00	300	99.33	250	99.59
Sulfonamides: (1)										
Honey	192	100.00	201	100.00	241	100.00	227	99.55	250	99.19
Synthetic pyrethrins:										
Honey	14	100.00	154	100.00	183	100.00	163	100.00		
Tetracyclines:(1)										
Honey	136	100.00	166	100.00	88	87.21	196	96.89	643	94.26
Thiabendazole:										
Honey	52	100.00	59	100.00	128	100.00	102	100.00		
Domestic Total	6,751		5,370		5,128		5,199		1,800	

Note 1: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.

Compliance Summary for Honey

5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Imported Honey:										
Alar	25	100.00			25	100.00				
Amitraz	114	100.00	53	100.00	52	100.00	28	100.00		
Benomyl	50	100.00	8	100.00	20	100.00	20	100.00		
Benzaldehyde	59	91.53	53	90.57	49	83.67	67	85.07	43	100.00
Butyric anhydride	66	80.30	18	100.00	7	100.00				
Chloramphenicol	15	100.00	88	100.00	51	98.04	127	96.36	217	98.21
Dithiocarbamate	43	100.00								
EBDC (Ethylene diamine)	30	100.00								
Ethylene thiourea	39	100.00		0.00	26	100.00				
Fluoroquinolones	73	96.10	52	100.00	17	100.00	14	100.00		
Formetanate	64	100.00	49	100.00	20	100.00	20	100.00		
Glycosides	43	100.00								
Imidacloprid	26	100.00	4	100.00	14	100.00				
Ionophores	41	100.00	57	100.00	14	100.00	14	100.00		
Macrolides	90	100.00	100	88.89	72	100.00	47	87.88		
Metals	690	NA	795	N/A	693	NA	291	NA	16	NA
Nitrofurans	62	98.39	97	94.12	35	100.00	94	100.00		
Penicillins	62	100.00	12	100.00	8	100.00	51	100.00		
Pesticides	104	100.00	109	100.00	57	100.00	30	100.00	12	100.00
Phenicols	76	98.70	176	N/A	154	N/A				
Phenol	66	100.00	112	100.00	113	95.92	76	98.68	267	97.56
Sulfonamides	123	99.22	211	90.32	115	99.13	67	100.00	141	97.67
Synthetic pyrethrins			33	100.00	27	100.00	25	100.00		
Tetracyclines	51	100.00	198	100.00	86	100.00	67	63.16	267	96.43
Thiabendazole	34	100.00	21	100.00	50	100.00	17	100.00		
Import Total	2,046		2,246		1,705		1,055		963	
Note 1: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Total Honey	8,797		7,616		6,833		6,254		2,763	

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Monitoring in Domestic Honey Products By Specific Tests

HONEY

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	151	Daminozide					
AMITRAZ	208	Amitraz					
BENOMYL	152	Benomyl	2	0.0174	0.0123	0.0225	
BENZALDEHYDE	86	Benzaldehyde	40	0.1582	0.0110	1.0000	3
BUTYRIC ANHYDRIDE	321	Butyric acid	182	2.2934	0.3000	14.2000	163
EBDC(DC)	41	Dithiocarbamate					
EBDC(EBDC)	42	Ethylene Diamine					
EBDC(ETU)	40	Ethylene Thiourea					
FORMETANATE	215	Formetanate					
IMIDACLOPRID	256	Imidacloprid					
PESTICIDES-FPH053	275	Pesticide Screen	24				
PESTICIDES-FPH053	275	2-phenylphenol (ortho-phenylphenol)	4	0.0100	0.0062	0.0142	
PESTICIDES-FPH053	275	Coumaphos	5	0.0170	0.0025	0.0566	
PESTICIDES-FPH053	275	Iprodione	16	0.0082	0.0029	0.0392	
PESTICIDES-FPH053	275	Vinclozolin	3	0.0236	0.0017	0.0660	
PHENOL	71	Phenol					
SYNTHETIC PYRETHRINS	14	Synthetic Pyrethrin Screen					
THIABENDAZOLE	52	Thiabendazole	1	0.0340	0.0340	0.0340	

Veterinary Drug

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CHLORAMPHENICOL(3)	15	Chloramphenicol					
FLUOROQUINOLONES	195	Fluoroquinolone Screen					
GLYCOSIDES(3)	130	Glycosides Screen	1				
GLYCOSIDES(3)	130	Neomycin	1	0.0460	0.0460	0.0460	1
IONOPHORES	177	Ionophore Screen					
MACROLIDES	146	Macrolides Screen	26				
MACROLIDES	146	Erythromycin	1	0.0042	0.0042	0.0042	
MACROLIDES	146	Tylosin	25	0.0063	0.0005	0.0300	
MACROLIDES(2)	86	Macrolides Screen	7				
MACROLIDES(2)	86	Tylosin	7	0.0062	0.0015	0.0182	
MACROLIDES(3)	98	Macrolides Screen	8				
MACROLIDES(3)	98	Tylosin	8	0.0032	0.0006	0.0108	
NITROFURANS	230	Nitrofurans Screen	3				
NITROFURANS	230	Semicarbazide	3	0.0005	0.0002	0.0011	
PENICILLINS(2)	268	Penicillin Screen					
PHENICOLS(2)	184	Phenicol Screen					
SULFONAMIDES(3)	192	Sulfa screen	3				
SULFONAMIDES(3)	192	Sulfadimethoxine	3	0.0131	0.0046	0.0280	
TETRACYCLINES(2)	136	Tetracycline screen	23				
TETRACYCLINES(2)	136	Oxytetracycline	23	0.0050	0.0002	0.0410	
TETRACYCLINES(2)	136	Tetracycline	4	0.0007	0.0005	0.0011	

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Monitoring of Domestic Honey Products

HONEY							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	198	58	0.5395	0.2010	4.2000		
Arsenic	198	0					
Boron	198	198	7.6520	1.4000	18.3500		32
Cadmium	198	1	0.0037	0.0037	0.0037		
Chromium	198	95	0.0937	0.0110	0.2800		
Copper	198	138	0.1578	0.0300	4.2590		
Iron	198	183	1.5113	0.4790	9.2750		
Lead	198	53	0.0628	0.0030	0.7800		5
Manganese	198	197	0.3859	0.0900	5.4300		10
Mercury	198	0					
Nickel	198	88	0.0361	0.0120	0.3870		
Selenium	198	3	0.0347	0.0040	0.0600		
Tin	198	94	0.0514	0.0200	0.7000		
Titanium	198	20	0.0813	0.0100	1.0400		
Zinc	198	193	0.6344	0.1460	6.9450		
All Metals and Elements	2970	1321					47

Note 1: Violations are determined if one of the following Canadian tolerances or guidelines are exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple syrup.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than expected for the commodity tested.

Directed Sampling of Domestic Honey Products By Specific Tests

Honey

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
PHENOL PRETEST	1	Phenol					

Veterinary Drug

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
FLUOROQUINOLONES PR	9	Fluoroquinolone Screen					
MACROLIDES PRETEST	2	Macrolides Screen	1				
MACROLIDES PRETEST	2	Tylosin	1	0.0022	0.0022	0.0022	
SULFA PRETEST	1	Sulfa screen					
TTC PRETEST	1	Tetracycline screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

HONEY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	ARGENTINA	6	Daminozide					
ALAR	AUSTRALIA	2	Daminozide					
ALAR	BRAZIL	2	Daminozide					
ALAR	CHINA	1	Daminozide					
ALAR	FRANCE	1	Daminozide					
ALAR	GERMANY	2	Daminozide					
ALAR	HUNGARY	1	Daminozide					
ALAR	INDIA	1	Daminozide					
ALAR	NEW ZEALAND	1	Daminozide					
ALAR	PORTUGAL	1	Daminozide					
ALAR	SLOVENIA	1	Daminozide					
ALAR	SRI LANKA	1	Daminozide					
ALAR	TURKEY	1	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
ALAR	UNKNOWN	2	Daminozide					
AMITRAZ	ARGENTINA	19	Amitraz	3	0.0090	0.0070	0.0104	
AMITRAZ	AUSTRALIA	37	Amitraz					
AMITRAZ	BRAZIL	6	Amitraz					
AMITRAZ	BULGARIA	1	Amitraz					
AMITRAZ	CHINA	2	Amitraz					
AMITRAZ	FRANCE	1	Amitraz					
AMITRAZ	GERMANY	3	Amitraz					
AMITRAZ	GREECE	1	Amitraz					
AMITRAZ	HUNGARY	1	Amitraz					
AMITRAZ	INDIA	7	Amitraz					
AMITRAZ	ITALY	3	Amitraz					
AMITRAZ	NEW ZEALAND	2	Amitraz	1	0.0084	0.0084	0.0084	
AMITRAZ	PORTUGAL	1	Amitraz					
AMITRAZ	SLOVENIA	2	Amitraz	1	0.0210	0.0210	0.0210	
AMITRAZ	SPAIN	1	Amitraz					
AMITRAZ	SRI LANKA	1	Amitraz					
AMITRAZ	SWITZERLAND	6	Amitraz					
AMITRAZ	TURKEY	3	Amitraz					
AMITRAZ	UNITED STATES	14	Amitraz	1	0.0270	0.0270	0.0270	
AMITRAZ	UNKNOWN	2	Amitraz					
AMITRAZ	URUGUAY	1	Amitraz					
BENOMYL	ARGENTINA	10	Benomyl					
BENOMYL	AUSTRALIA	9	Benomyl					
BENOMYL	BRAZIL	1	Benomyl					
BENOMYL	BULGARIA	1	Benomyl					
BENOMYL	CHINA	1	Benomyl					
BENOMYL	FRANCE	1	Benomyl					
BENOMYL	GERMANY	2	Benomyl					
BENOMYL	GREECE	1	Benomyl					
BENOMYL	INDIA	7	Benomyl					

HONEY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ITALY	3	Benomyl					
BENOMYL	NEW ZEALAND	1	Benomyl					
BENOMYL	SLOVENIA	1	Benomyl					
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	SWITZERLAND	3	Benomyl					
BENOMYL	TURKEY	1	Benomyl					
BENOMYL	UNITED STATES	5	Benomyl					
BENOMYL	UNKNOWN	1	Benomyl					
BENOMYL	URUGUAY	1	Benomyl					
BENZALDEHYDE	ARGENTINA	10	Benzaldehyde	6	0.1887	0.1120	0.4460	
BENZALDEHYDE	AUSTRALIA	18	Benzaldehyde	11	0.3098	0.1020	1.1000	2
BENZALDEHYDE	BRAZIL	2	Benzaldehyde	2	0.0985	0.0270	0.1700	
BENZALDEHYDE	CHINA	1	Benzaldehyde					
BENZALDEHYDE	FRANCE	1	Benzaldehyde	1	0.6420	0.6420	0.6420	1
BENZALDEHYDE	GERMANY	1	Benzaldehyde	1	0.1360	0.1360	0.1360	
BENZALDEHYDE	INDIA	3	Benzaldehyde	1	0.1000	0.1000	0.1000	
BENZALDEHYDE	ITALY	2	Benzaldehyde	2	0.1605	0.0540	0.2670	
BENZALDEHYDE	NEW ZEALAND	3	Benzaldehyde	3	0.1450	0.0530	0.2320	
BENZALDEHYDE	PORTUGAL	1	Benzaldehyde	1	0.1880	0.1880	0.1880	
BENZALDEHYDE	SLOVENIA	1	Benzaldehyde	1	0.1770	0.1770	0.1770	
BENZALDEHYDE	SWITZERLAND	3	Benzaldehyde	2	0.3705	0.2610	0.4800	
BENZALDEHYDE	TURKEY	2	Benzaldehyde					
BENZALDEHYDE	UNITED STATES	9	Benzaldehyde	7	0.3943	0.1560	0.5950	2
BENZALDEHYDE	UNKNOWN	2	Benzaldehyde	2	0.1200	0.0530	0.1870	
BUTYRIC ANHYDRIDE	ARGENTINA	12	Butyric acid	5	1.5180	0.5300	2.4400	3
BUTYRIC ANHYDRIDE	AUSTRALIA	13	Butyric acid	5	0.7580	0.5200	1.0200	2
BUTYRIC ANHYDRIDE	BRAZIL	3	Butyric acid					
BUTYRIC ANHYDRIDE	BULGARIA	3	Butyric acid					
BUTYRIC ANHYDRIDE	CHINA	1	Butyric acid					
BUTYRIC ANHYDRIDE	FRANCE	1	Butyric acid	1	1.0900	1.0900	1.0900	1
BUTYRIC ANHYDRIDE	GERMANY	3	Butyric acid					
BUTYRIC ANHYDRIDE	GREECE	1	Butyric acid					
BUTYRIC ANHYDRIDE	HUNGARY	2	Butyric acid					
BUTYRIC ANHYDRIDE	INDIA	5	Butyric acid					
BUTYRIC ANHYDRIDE	ITALY	1	Butyric acid	1	1.3600	1.3600	1.3600	1
BUTYRIC ANHYDRIDE	MACEDONIA	1	Butyric acid					
BUTYRIC ANHYDRIDE	PORTUGAL	1	Butyric acid					
BUTYRIC ANHYDRIDE	SLOVENIA	4	Butyric acid	2	0.7400	0.3300	1.1500	1
BUTYRIC ANHYDRIDE	SPAIN	1	Butyric acid					
BUTYRIC ANHYDRIDE	SRI LANKA	1	Butyric acid	1	1.2600	1.2600	1.2600	1
BUTYRIC ANHYDRIDE	SWITZERLAND	3	Butyric acid	1	1.1800	1.1800	1.1800	1
BUTYRIC ANHYDRIDE	TURKEY	1	Butyric acid					
BUTYRIC ANHYDRIDE	UNITED STATES	6	Butyric acid	3	1.6967	0.6500	2.6200	2
BUTYRIC ANHYDRIDE	UNKNOWN	2	Butyric acid	2	2.5650	0.7800	4.3500	1
BUTYRIC ANHYDRIDE	URUGUAY	1	Butyric acid	1	0.5200	0.5200	0.5200	
EBDC(DC)	ARGENTINA	5	Dithiocarbamate					
EBDC(DC)	AUSTRALIA	8	Dithiocarbamate					
EBDC(DC)	BRAZIL	2	Dithiocarbamate					

HONEY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	BULGARIA	1	Dithiocarbamate					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	FRANCE	1	Dithiocarbamate					
EBDC(DC)	GERMANY	2	Dithiocarbamate	1	0.1500	0.1500	0.1500	
EBDC(DC)	INDIA	5	Dithiocarbamate					
EBDC(DC)	ITALY	3	Dithiocarbamate					
EBDC(DC)	NEW ZEALAND	2	Dithiocarbamate					
EBDC(DC)	PORTUGAL	1	Dithiocarbamate					
EBDC(DC)	SLOVENIA	1	Dithiocarbamate					
EBDC(DC)	SWITZERLAND	1	Dithiocarbamate					
EBDC(DC)	TURKEY	3	Dithiocarbamate					
EBDC(DC)	UNITED STATES	5	Dithiocarbamate	1	0.1200	0.1200	0.1200	
EBDC(DC)	UNKNOWN	2	Dithiocarbamate					
EBDC(EBDC)	ARGENTINA	3	Ethylene Diamine					
EBDC(EBDC)	AUSTRALIA	4	Ethylene Diamine					
EBDC(EBDC)	BRAZIL	2	Ethylene Diamine					
EBDC(EBDC)	BULGARIA	1	Ethylene Diamine					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	FRANCE	1	Ethylene Diamine					
EBDC(EBDC)	GERMANY	1	Ethylene Diamine					
EBDC(EBDC)	INDIA	4	Ethylene Diamine					
EBDC(EBDC)	ITALY	3	Ethylene Diamine					
EBDC(EBDC)	NEW ZEALAND	2	Ethylene Diamine					
EBDC(EBDC)	PORTUGAL	1	Ethylene Diamine					
EBDC(EBDC)	SLOVENIA	1	Ethylene Diamine					
EBDC(EBDC)	SWITZERLAND	1	Ethylene Diamine					
EBDC(EBDC)	TURKEY	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	3	Ethylene Thiourea					
EBDC(ETU)	AUSTRALIA	7	Ethylene Thiourea					
EBDC(ETU)	BRAZIL	2	Ethylene Thiourea					
EBDC(ETU)	BULGARIA	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	GERMANY	1	Ethylene Thiourea					
EBDC(ETU)	INDIA	5	Ethylene Thiourea					
EBDC(ETU)	ITALY	3	Ethylene Thiourea					
EBDC(ETU)	NEW ZEALAND	2	Ethylene Thiourea					
EBDC(ETU)	PORTUGAL	1	Ethylene Thiourea					
EBDC(ETU)	SLOVENIA	1	Ethylene Thiourea					
EBDC(ETU)	SWITZERLAND	1	Ethylene Thiourea					
EBDC(ETU)	TURKEY	3	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	5	Ethylene Thiourea					
EBDC(ETU)	UNKNOWN	2	Ethylene Thiourea					
FORMETANATE	ARGENTINA	19	Formetanate					
FORMETANATE	AUSTRALIA	13	Formetanate					
FORMETANATE	BRAZIL	2	Formetanate					
FORMETANATE	BULGARIA	1	Formetanate					

HONEY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	CHINA	1	Formetanate					
FORMETANATE	GERMANY	1	Formetanate					
FORMETANATE	GREECE	1	Formetanate					
FORMETANATE	HUNGARY	1	Formetanate					
FORMETANATE	INDIA	5	Formetanate					
FORMETANATE	ITALY	2	Formetanate					
FORMETANATE	NEW ZEALAND	1	Formetanate					
FORMETANATE	SLOVENIA	2	Formetanate					
FORMETANATE	SPAIN	1	Formetanate					
FORMETANATE	SWITZERLAND	2	Formetanate					
FORMETANATE	TURKEY	1	Formetanate					
FORMETANATE	UNITED STATES	8	Formetanate					
FORMETANATE	UNKNOWN	2	Formetanate					
FORMETANATE	URUGUAY	1	Formetanate					
IMIDACLOPRID	ARGENTINA	2	Imidacloprid					
IMIDACLOPRID	AUSTRALIA	4	Imidacloprid					
IMIDACLOPRID	BRAZIL	2	Imidacloprid					
IMIDACLOPRID	BULGARIA	1	Imidacloprid					
IMIDACLOPRID	CHINA	1	Imidacloprid					
IMIDACLOPRID	HUNGARY	1	Imidacloprid					
IMIDACLOPRID	ITALY	1	Imidacloprid					
IMIDACLOPRID	MACEDONIA	1	Imidacloprid					
IMIDACLOPRID	POLAND	8	Imidacloprid					
IMIDACLOPRID	SLOVENIA	2	Imidacloprid					
IMIDACLOPRID	TURKEY	1	Imidacloprid					
IMIDACLOPRID	UNITED STATES	2	Imidacloprid					
PESTICIDES-FPH053	ARGENTINA	22	Pesticide Screen	5				
PESTICIDES-FPH053	ARGENTINA	22	2-phenylphenol (ortho-phenylphenol)	1	0.0078	0.0078	0.0078	
PESTICIDES-FPH053	ARGENTINA	22	Coumaphos	3	0.0040	0.0028	0.0057	
PESTICIDES-FPH053	ARGENTINA	22	Iprodione	1	0.0058	0.0058	0.0058	
PESTICIDES-FPH053	AUSTRALIA	40	Pesticide Screen					
PESTICIDES-FPH053	BRAZIL	4	Pesticide Screen	1				
PESTICIDES-FPH053	BRAZIL	4	2-phenylphenol (ortho-phenylphenol)	1	0.0135	0.0135	0.0135	
PESTICIDES-FPH053	BULGARIA	1	Pesticide Screen					
PESTICIDES-FPH053	CHINA	3	Pesticide Screen					
PESTICIDES-FPH053	FRANCE	1	Pesticide Screen					
PESTICIDES-FPH053	GERMANY	2	Pesticide Screen	1				
PESTICIDES-FPH053	GERMANY	2	Malathion	1	0.0036	0.0036	0.0036	
PESTICIDES-FPH053	GREECE	1	Pesticide Screen	1				
PESTICIDES-FPH053	GREECE	1	Coumaphos	1	0.0064	0.0064	0.0064	
PESTICIDES-FPH053	GREECE	1	Tricyclazole	1	0.0030	0.0030	0.0030	
PESTICIDES-FPH053	INDIA	4	Pesticide Screen	1				
PESTICIDES-FPH053	INDIA	4	2-phenylphenol (ortho-phenylphenol)	1	0.0063	0.0063	0.0063	
PESTICIDES-FPH053	ITALY	3	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	NEW ZEALAND	3	Pesticide Screen					
PESTICIDES-FPH053	PORTUGAL	1	Pesticide Screen					
PESTICIDES-FPH053	SLOVENIA	1	Pesticide Screen					

HONEY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	SWITZERLAND	6	Pesticide Screen					
PESTICIDES-FPH053	TURKEY	2	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	6	Pesticide Screen	2				
PESTICIDES-FPH053	UNITED STATES	6	2-phenylphenol (ortho-phenylphenol)	1	0.0065	0.0065	0.0065	
PESTICIDES-FPH053	UNITED STATES	6	Piperonyl butoxide	1	0.0217	0.0217	0.0217	
PESTICIDES-FPH053	UNKNOWN	2	Pesticide Screen					
PESTICIDES-FPH053	URUGUAY	1	Pesticide Screen					
PHENOL	ARGENTINA	14	Phenol					
PHENOL	AUSTRALIA	18	Phenol					
PHENOL	BRAZIL	3	Phenol					
PHENOL	BULGARIA	1	Phenol					
PHENOL	CHINA	1	Phenol					
PHENOL	FRANCE	1	Phenol					
PHENOL	GERMANY	2	Phenol					
PHENOL	HUNGARY	1	Phenol					
PHENOL	INDIA	3	Phenol					
PHENOL	ITALY	1	Phenol					
PHENOL	NEW ZEALAND	1	Phenol					
PHENOL	PORTUGAL	1	Phenol					
PHENOL	SLOVENIA	2	Phenol					
PHENOL	SPAIN	1	Phenol					
PHENOL	SRI LANKA	1	Phenol					
PHENOL	SWITZERLAND	5	Phenol					
PHENOL	TURKEY	2	Phenol					
PHENOL	UNITED STATES	5	Phenol	1	0.0714	0.0714	0.0714	
PHENOL	UNKNOWN	2	Phenol					
PHENOL	URUGUAY	1	Phenol					
THIABENDAZOLE	ARGENTINA	6	Thiabendazole					
THIABENDAZOLE	AUSTRALIA	11	Thiabendazole					
THIABENDAZOLE	BRAZIL	1	Thiabendazole					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	FRANCE	1	Thiabendazole					
THIABENDAZOLE	GERMANY	1	Thiabendazole					
THIABENDAZOLE	INDIA	1	Thiabendazole					
THIABENDAZOLE	ITALY	2	Thiabendazole					
THIABENDAZOLE	NEW ZEALAND	1	Thiabendazole					
THIABENDAZOLE	SLOVENIA	1	Thiabendazole					
THIABENDAZOLE	SRI LANKA	1	Thiabendazole					
THIABENDAZOLE	SWITZERLAND	1	Thiabendazole					
THIABENDAZOLE	TURKEY	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	2	Thiabendazole					
THIABENDAZOLE	UNKNOWN	2	Thiabendazole					
THIABENDAZOLE	URUGUAY	1	Thiabendazole					

HONEY

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CHLORAMPHENICOL(3)	ARGENTINA	3	Chloramphenicol					
CHLORAMPHENICOL(3)	AUSTRALIA	8	Chloramphenicol					
CHLORAMPHENICOL(3)	BRAZIL	1	Chloramphenicol					
CHLORAMPHENICOL(3)	SWITZERLAND	1	Chloramphenicol					
CHLORAMPHENICOL(3)	UNITED STATES	2	Chloramphenicol					
FLUOROQUINOLONES	ARGENTINA	16	Fluoroquinolone Screen					
FLUOROQUINOLONES	AUSTRALIA	20	Fluoroquinolone Screen					
FLUOROQUINOLONES	BRAZIL	4	Fluoroquinolone Screen					
FLUOROQUINOLONES	CHINA	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	FRANCE	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	GERMANY	3	Fluoroquinolone Screen					
FLUOROQUINOLONES	GREECE	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	INDIA	5	Fluoroquinolone Screen	1				
FLUOROQUINOLONES	INDIA	5	Ciprofloxacin	1	0.0093	0.0093	0.0093	
FLUOROQUINOLONES	ITALY	3	Fluoroquinolone Screen					
FLUOROQUINOLONES	NEW ZEALAND	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	PORTUGAL	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	SLOVENIA	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	SRI LANKA	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	SWITZERLAND	5	Fluoroquinolone Screen	2				
FLUOROQUINOLONES	SWITZERLAND	5	Ciprofloxacin	1	0.0021	0.0021	0.0021	
FLUOROQUINOLONES	SWITZERLAND	5	Norfloxacin	2	0.0280	0.0263	0.0297	2
FLUOROQUINOLONES	TURKEY	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	UNITED STATES	6	Fluoroquinolone Screen					
FLUOROQUINOLONES	UNKNOWN	2	Fluoroquinolone Screen					
FLUOROQUINOLONES	URUGUAY	1	Fluoroquinolone Screen					
GLYCOSIDES(3)	ARGENTINA	12	Glycosides Screen					
GLYCOSIDES(3)	AUSTRALIA	10	Glycosides Screen					
GLYCOSIDES(3)	BRAZIL	2	Glycosides Screen					
GLYCOSIDES(3)	FRANCE	1	Glycosides Screen					
GLYCOSIDES(3)	GREECE	1	Glycosides Screen					
GLYCOSIDES(3)	INDIA	4	Glycosides Screen					
GLYCOSIDES(3)	ITALY	3	Glycosides Screen					
GLYCOSIDES(3)	PORTUGAL	1	Glycosides Screen					
GLYCOSIDES(3)	SLOVENIA	1	Glycosides Screen					
GLYCOSIDES(3)	SRI LANKA	1	Glycosides Screen					
GLYCOSIDES(3)	SWITZERLAND	1	Glycosides Screen					
GLYCOSIDES(3)	UNITED STATES	3	Glycosides Screen					
GLYCOSIDES(3)	UNKNOWN	2	Glycosides Screen					
GLYCOSIDES(3)	URUGUAY	1	Glycosides Screen					
IONOPHORES	ARGENTINA	6	Ionophore Screen					
IONOPHORES	AUSTRALIA	10	Ionophore Screen					
IONOPHORES	BRAZIL	2	Ionophore Screen					
IONOPHORES	BULGARIA	1	Ionophore Screen					
IONOPHORES	FRANCE	1	Ionophore Screen					
IONOPHORES	GERMANY	2	Ionophore Screen					
IONOPHORES	HUNGARY	1	Ionophore Screen					
IONOPHORES	INDIA	4	Ionophore Screen					

HONEY

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
IONOPHORES	ITALY	3	Ionophore Screen					
IONOPHORES	NEW ZEALAND	1	Ionophore Screen					
IONOPHORES	PORTUGAL	1	Ionophore Screen					
IONOPHORES	SPAIN	1	Ionophore Screen					
IONOPHORES	SWITZERLAND	3	Ionophore Screen					
IONOPHORES	UNITED STATES	3	Ionophore Screen					
IONOPHORES	UNKNOWN	1	Ionophore Screen					
IONOPHORES	URUGUAY	1	Ionophore Screen					
MACROLIDES	AUSTRALIA	6	Macrolides Screen					
MACROLIDES	BRAZIL	1	Macrolides Screen					
MACROLIDES	BULGARIA	2	Macrolides Screen					
MACROLIDES	CHINA	1	Macrolides Screen					
MACROLIDES	HUNGARY	1	Macrolides Screen					
MACROLIDES	INDIA	3	Macrolides Screen					
MACROLIDES	MACEDONIA	1	Macrolides Screen					
MACROLIDES	NEW ZEALAND	1	Macrolides Screen					
MACROLIDES	PORTUGAL	1	Macrolides Screen					
MACROLIDES	SLOVENIA	2	Macrolides Screen					
MACROLIDES	UNITED STATES	1	Macrolides Screen					
MACROLIDES(2)	ARGENTINA	11	Macrolides Screen					
MACROLIDES(2)	AUSTRALIA	10	Macrolides Screen					
MACROLIDES(2)	BRAZIL	2	Macrolides Screen					
MACROLIDES(2)	CHINA	1	Macrolides Screen					
MACROLIDES(2)	FRANCE	1	Macrolides Screen					
MACROLIDES(2)	GERMANY	1	Macrolides Screen					
MACROLIDES(2)	GREECE	1	Macrolides Screen					
MACROLIDES(2)	INDIA	4	Macrolides Screen					
MACROLIDES(2)	NEW ZEALAND	1	Macrolides Screen					
MACROLIDES(2)	PORTUGAL	1	Macrolides Screen					
MACROLIDES(2)	SWITZERLAND	1	Macrolides Screen					
MACROLIDES(2)	TURKEY	1	Macrolides Screen	1				
MACROLIDES(2)	TURKEY	1	Erythromycin	1	0.0133	0.0133	0.0133	
MACROLIDES(2)	UNITED STATES	4	Macrolides Screen	4				
MACROLIDES(2)	UNITED STATES	4	Tylosin	4	0.0093	0.0008	0.0260	
MACROLIDES(2)	UNKNOWN	2	Macrolides Screen					
MACROLIDES(2)	URUGUAY	1	Macrolides Screen					
MACROLIDES(3)	ARGENTINA	6	Macrolides Screen					
MACROLIDES(3)	AUSTRALIA	3	Macrolides Screen					
MACROLIDES(3)	BRAZIL	4	Macrolides Screen					
MACROLIDES(3)	HUNGARY	1	Macrolides Screen					
MACROLIDES(3)	INDIA	1	Macrolides Screen					
MACROLIDES(3)	ITALY	1	Macrolides Screen					
MACROLIDES(3)	JAMAICA	1	Macrolides Screen					
MACROLIDES(3)	PAKISTAN	1	Macrolides Screen					
MACROLIDES(3)	SLOVENIA	2	Macrolides Screen					
MACROLIDES(3)	SPAIN	1	Macrolides Screen					
MACROLIDES(3)	SRI LANKA	1	Macrolides Screen					
MACROLIDES(3)	SWITZERLAND	2	Macrolides Screen					

HONEY

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
MACROLIDES(3)	TURKEY	1	Macrolides Screen					
MACROLIDES(3)	UNITED STATES	3	Macrolides Screen	2				
MACROLIDES(3)	UNITED STATES	3	Tylosin	2	0.0020	0.0013	0.0027	
NITROFURANS	ARGENTINA	12	Nitrofurans Screen					
NITROFURANS	AUSTRALIA	15	Nitrofurans Screen					
NITROFURANS	BRAZIL	1	Nitrofurans Screen					
NITROFURANS	BULGARIA	3	Nitrofurans Screen					
NITROFURANS	CHINA	1	Nitrofurans Screen					
NITROFURANS	FRANCE	1	Nitrofurans Screen					
NITROFURANS	GERMANY	1	Nitrofurans Screen					
NITROFURANS	GREECE	1	Nitrofurans Screen					
NITROFURANS	HUNGARY	2	Nitrofurans Screen	1				
NITROFURANS	HUNGARY	2	Semicarbazide	1	0.0030	0.0030	0.0030	
NITROFURANS	INDIA	6	Nitrofurans Screen					
NITROFURANS	ITALY	3	Nitrofurans Screen	2				
NITROFURANS	ITALY	3	Furazolidone Metabolite	1	0.0007	0.0007	0.0007	1
NITROFURANS	ITALY	3	Semicarbazide	2	0.0018	0.0010	0.0027	
NITROFURANS	MACEDONIA	1	Nitrofurans Screen					
NITROFURANS	PAKISTAN	1	Nitrofurans Screen					
NITROFURANS	SLOVENIA	2	Nitrofurans Screen					
NITROFURANS	SRI LANKA	1	Nitrofurans Screen					
NITROFURANS	SWITZERLAND	2	Nitrofurans Screen					
NITROFURANS	UNITED STATES	6	Nitrofurans Screen	3				
NITROFURANS	UNITED STATES	6	Semicarbazide	3	0.0016	0.0006	0.0030	
NITROFURANS	UNKNOWN	2	Nitrofurans Screen					
NITROFURANS	URUGUAY	1	Nitrofurans Screen					
PENICILLINS(2)	ARGENTINA	10	Penicillin Screen					
PENICILLINS(2)	AUSTRALIA	10	Penicillin Screen					
PENICILLINS(2)	BRAZIL	7	Penicillin Screen					
PENICILLINS(2)	BULGARIA	1	Penicillin Screen					
PENICILLINS(2)	FRANCE	1	Penicillin Screen					
PENICILLINS(2)	GERMANY	2	Penicillin Screen					
PENICILLINS(2)	GREECE	1	Penicillin Screen					
PENICILLINS(2)	INDIA	4	Penicillin Screen					
PENICILLINS(2)	ITALY	2	Penicillin Screen					
PENICILLINS(2)	MACEDONIA	1	Penicillin Screen					
PENICILLINS(2)	NEW ZEALAND	2	Penicillin Screen					
PENICILLINS(2)	PORTUGAL	1	Penicillin Screen					
PENICILLINS(2)	SLOVENIA	3	Penicillin Screen					
PENICILLINS(2)	SRI LANKA	1	Penicillin Screen					
PENICILLINS(2)	SWITZERLAND	4	Penicillin Screen					
PENICILLINS(2)	TURKEY	1	Penicillin Screen					
PENICILLINS(2)	UNITED STATES	8	Penicillin Screen					
PENICILLINS(2)	UNKNOWN	2	Penicillin Screen					
PENICILLINS(2)	URUGUAY	1	Penicillin Screen					
PHENICOLS(2)	ARGENTINA	17	Phenicol Screen					
PHENICOLS(2)	AUSTRALIA	21	Phenicol Screen					
PHENICOLS(2)	BRAZIL	1	Phenicol Screen					

HONEY

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PHENICOLS(2)	BULGARIA	1	Phenicol Screen					
PHENICOLS(2)	CHINA	2	Phenicol Screen	1				
PHENICOLS(2)	CHINA	2	Chloramphenicol	1	0.0016	0.0016	0.0016	1
PHENICOLS(2)	FRANCE	1	Phenicol Screen					
PHENICOLS(2)	GERMANY	2	Phenicol Screen					
PHENICOLS(2)	GREECE	1	Phenicol Screen					
PHENICOLS(2)	HUNGARY	1	Phenicol Screen					
PHENICOLS(2)	INDIA	6	Phenicol Screen					
PHENICOLS(2)	ITALY	2	Phenicol Screen					
PHENICOLS(2)	NEW ZEALAND	2	Phenicol Screen					
PHENICOLS(2)	PORTUGAL	1	Phenicol Screen					
PHENICOLS(2)	SLOVENIA	2	Phenicol Screen					
PHENICOLS(2)	SRI LANKA	1	Phenicol Screen					
PHENICOLS(2)	SWITZERLAND	4	Phenicol Screen					
PHENICOLS(2)	THAILAND	1	Phenicol Screen					
PHENICOLS(2)	TURKEY	1	Phenicol Screen					
PHENICOLS(2)	UNITED STATES	7	Phenicol Screen					
PHENICOLS(2)	UNKNOWN	2	Phenicol Screen					
SULFONAMIDES(3)	ARGENTINA	26	Sulfa screen					
SULFONAMIDES(3)	AUSTRALIA	42	Sulfa screen					
SULFONAMIDES(3)	BRAZIL	6	Sulfa screen					
SULFONAMIDES(3)	BULGARIA	1	Sulfa screen					
SULFONAMIDES(3)	CHINA	3	Sulfa screen					
SULFONAMIDES(3)	FRANCE	4	Sulfa screen					
SULFONAMIDES(3)	GERMANY	2	Sulfa screen					
SULFONAMIDES(3)	GREECE	1	Sulfa screen					
SULFONAMIDES(3)	HUNGARY	1	Sulfa screen					
SULFONAMIDES(3)	INDIA	4	Sulfa screen					
SULFONAMIDES(3)	ISRAEL	1	Sulfa screen	1				
SULFONAMIDES(3)	ISRAEL	1	Sulfathiazole	1	0.0291	0.0291	0.0291	
SULFONAMIDES(3)	ITALY	3	Sulfa screen	1				
SULFONAMIDES(3)	ITALY	3	Sulfamethazine	1	0.0202	0.0202	0.0202	
SULFONAMIDES(3)	MEXICO	1	Sulfa screen					
SULFONAMIDES(3)	NEW ZEALAND	3	Sulfa screen					
SULFONAMIDES(3)	SLOVENIA	1	Sulfa screen					
SULFONAMIDES(3)	SWITZERLAND	6	Sulfa screen					
SULFONAMIDES(3)	TURKEY	1	Sulfa screen					
SULFONAMIDES(3)	UNITED STATES	14	Sulfa screen	2				
SULFONAMIDES(3)	UNITED STATES	14	Sulfadimethoxine	1	0.0271	0.0271	0.0271	
SULFONAMIDES(3)	UNITED STATES	14	Sulfamethazine	2	0.0799	0.0270	0.1327	1
SULFONAMIDES(3)	UNKNOWN	2	Sulfa screen					
SULFONAMIDES(3)	URUGUAY	1	Sulfa screen					
TETRACYCLINES(2)	ARGENTINA	9	Tetracycline screen	1				
TETRACYCLINES(2)	ARGENTINA	9	Oxytetracycline	1	0.0024	0.0024	0.0024	
TETRACYCLINES(2)	AUSTRALIA	17	Tetracycline screen					
TETRACYCLINES(2)	BRAZIL	1	Tetracycline screen					
TETRACYCLINES(2)	CHINA	2	Tetracycline screen	1				
TETRACYCLINES(2)	CHINA	2	Tetracycline	1	0.0013	0.0013	0.0013	

HONEY

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
TETRACYCLINES(2)	FRANCE	1	Tetracycline screen					
TETRACYCLINES(2)	GERMANY	2	Tetracycline screen					
TETRACYCLINES(2)	INDIA	2	Tetracycline screen	1				
TETRACYCLINES(2)	INDIA	2	Tetracycline	1	0.0011	0.0011	0.0011	
TETRACYCLINES(2)	ITALY	1	Tetracycline screen					
TETRACYCLINES(2)	NEW ZEALAND	1	Tetracycline screen					
TETRACYCLINES(2)	PORTUGAL	1	Tetracycline screen					
TETRACYCLINES(2)	SLOVENIA	1	Tetracycline screen					
TETRACYCLINES(2)	SPAIN	1	Tetracycline screen					
TETRACYCLINES(2)	SRI LANKA	1	Tetracycline screen					
TETRACYCLINES(2)	SWITZERLAND	2	Tetracycline screen					
TETRACYCLINES(2)	TURKEY	3	Tetracycline screen	1				
TETRACYCLINES(2)	TURKEY	3	Tetracycline	1	0.0023	0.0023	0.0023	
TETRACYCLINES(2)	UNITED STATES	5	Tetracycline screen					
TETRACYCLINES(2)	UNKNOWN	1	Tetracycline screen	1				
TETRACYCLINES(2)	UNKNOWN	1	Oxytetracycline	1	0.0016	0.0016	0.0016	
TETRACYCLINES(2)	UNKNOWN	1	Tetracycline	1	0.0011	0.0011	0.0011	

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Monitoring of Import Honey Products

HONEY							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	46	40	1.8540	0.2050	20.9000		3
Arsenic	46	2	0.0050	0.0030	0.0070		
Boron	46	46	5.5352	0.6120	11.5900		12
Cadmium	46	2	0.0535	0.0010	0.1060		1
Chromium	46	31	0.1033	0.0100	0.2000		
Copper	46	35	0.1805	0.0540	0.6990		
Iron	46	46	3.0492	0.7650	20.9800		
Lead	46	25	0.0269	0.0030	0.2000		1
Manganese	46	46	3.1262	0.1060	19.8700		19
Mercury	46	0					
Nickel	46	30	0.0632	0.0100	0.3650		
Selenium	46	2	0.0010	0.0010	0.0010		
Tin	46	21	0.1069	0.0150	0.9000		
Titanium	46	24	0.0889	0.0160	0.2380		
Zinc	46	46	2.6762	0.3310	16.2200		
All Metals and Elements	690	396					36

Note 1: Violations are determined if one of the following Canadian tolerances or guidelines are exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple syrup.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than expected for the commodity tested.

Directed Sampling of Suspect Import Honey Products By Country & Specific Tests

Honey

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PHENOL PRETEST	ARGENTINA	1	Phenol					
PHENOL PRETEST	AUSTRALIA	18	Phenol					
PHENOL PRETEST	AUSTRIA	6	Phenol	1	0.0200	0.0200	0.0200	1
PHENOL PRETEST	EGYPT	6	Phenol					
PHENOL PRETEST	PAKISTAN	1	Phenol					
PHENOL PRETEST	UNITED STATES	9	Phenol					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FLUOROQUINOLONES P	BRAZIL	12	Fluoroquinolone Screen					
FLUOROQUINOLONES P	CHINA	27	Fluoroquinolone Screen	20				
FLUOROQUINOLONES P	CHINA	27	Norfloxacin	20	0.0107	0.0007	0.0241	9
FLUOROQUINOLONES P	INDIA	6	Fluoroquinolone Screen					
MACROLIDES PRETEST	AUSTRIA	6	Macrolides Screen					
MACROLIDES PRETEST	CHINA	29	Macrolides Screen	10				
MACROLIDES PRETEST	CHINA	29	Erythromycin	10	0.0021	0.0015	0.0025	
MACROLIDES PRETEST	EGYPT	6	Macrolides Screen					
MACROLIDES PRETEST	GERMANY	1	Macrolides Screen					
MACROLIDES PRETEST	GREECE	1	Macrolides Screen					
MACROLIDES PRETEST	THAILAND	12	Macrolides Screen					
MACROLIDES PRETEST	UNITED STATES	26	Macrolides Screen	9				
MACROLIDES PRETEST	UNITED STATES	26	Tylosin	9	0.0078	0.0028	0.0340	
NITROFURANS PRETEST	ARGENTINA	1	Nitrofurans Screen					
NITROFURANS PRETEST	AUSTRALIA	1	Nitrofurans Screen					
NITROFURANS PRETEST	AUSTRIA	6	Nitrofurans Screen					
NITROFURANS PRETEST	CHINA	36	Nitrofurans Screen					
NITROFURANS PRETEST	INDIA	36	Nitrofurans Screen	6				
NITROFURANS PRETEST	INDIA	36	Semicarbazide	6	0.0009	0.0006	0.0014	
NITROFURANS PRETEST	PAKISTAN	1	Nitrofurans Screen	1				
NITROFURANS PRETEST	PAKISTAN	1	Semicarbazide	1	0.0010	0.0010	0.0010	
NITROFURANS PRETEST	RUSSIAN FEDERATION	6	Nitrofurans Screen					
NITROFURANS PRETEST	THAILAND	12	Nitrofurans Screen					
NITROFURANS PRETEST	TURKEY	7	Nitrofurans Screen					
NITROFURANS PRETEST	UNITED STATES	6	Nitrofurans Screen	6				
NITROFURANS PRETEST	UNITED STATES	6	Semicarbazide	6	0.0030	0.0026	0.0034	
NITROFURANS PRETEST	URUGUAY	6	Nitrofurans Screen					
PHENICOLS PRETEST	AUSTRALIA	18	Phenicol Screen					
PHENICOLS PRETEST	AUSTRIA	6	Phenicol Screen					
PHENICOLS PRETEST	BRAZIL	12	Phenicol Screen					
PHENICOLS PRETEST	CHINA	44	Phenicol Screen					
PHENICOLS PRETEST	EGYPT	6	Phenicol Screen					
PHENICOLS PRETEST	GERMANY	1	Phenicol Screen					

Honey

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PHENICOLS PRETEST	INDIA	55	Phenicol Screen					
PHENICOLS PRETEST	PAKISTAN	1	Phenicol Screen					
PHENICOLS PRETEST	RUSSIAN FEDERATION	6	Phenicol Screen					
PHENICOLS PRETEST	THAILAND	11	Phenicol Screen					
PHENICOLS PRETEST	TURKEY	7	Phenicol Screen					
PHENICOLS PRETEST	UNITED STATES	35	Phenicol Screen					
PHENICOLS PRETEST	URUGUAY	6	Phenicol Screen					
SULFA PRETEST	ARGENTINA	1	Sulfa screen					
SULFA PRETEST	AUSTRALIA	18	Sulfa screen					
SULFA PRETEST	AUSTRIA	6	Sulfa screen					
SULFA PRETEST	CHINA	27	Sulfa screen	11				
SULFA PRETEST	CHINA	27	Sulfamethoxazole	10	0.0198	0.0140	0.0230	
SULFA PRETEST	CHINA	27	Trimethoprim	5	0.0218	0.0180	0.0250	5
SULFA PRETEST	EGYPT	6	Sulfa screen					
SULFA PRETEST	GERMANY	1	Sulfa screen					
SULFA PRETEST	INDIA	43	Sulfa screen					
SULFA PRETEST	PAKISTAN	1	Sulfa screen					
SULFA PRETEST	RUSSIAN FEDERATION	6	Sulfa screen					
SULFA PRETEST	THAILAND	10	Sulfa screen					
SULFA PRETEST	TURKEY	6	Sulfa screen					
SULFA PRETEST	UNITED STATES	12	Sulfa screen	6				
SULFA PRETEST	UNITED STATES	12	Sulfadimethoxine	5	0.0152	0.0130	0.0170	
SULFA PRETEST	UNITED STATES	12	Sulfamethazine	6	0.0688	0.0420	0.0830	6
SULFA PRETEST	URUGUAY	1	Sulfa screen					
TTC PRETEST	ARGENTINA	2	Tetracycline screen	1				
TTC PRETEST	ARGENTINA	2	Chlortetracycline	1	0.0240	0.0240	0.0240	
TTC PRETEST	AUSTRALIA	18	Tetracycline screen					
TTC PRETEST	AUSTRIA	6	Tetracycline screen					
TTC PRETEST	CHINA	21	Tetracycline screen					
TTC PRETEST	EGYPT	6	Tetracycline screen					
TTC PRETEST	GERMANY	1	Tetracycline screen					
TTC PRETEST	GREECE	1	Tetracycline screen	1				
TTC PRETEST	GREECE	1	Oxytetracycline	1	0.0180	0.0180	0.0180	
TTC PRETEST	INDIA	43	Tetracycline screen					
TTC PRETEST	PAKISTAN	1	Tetracycline screen					
TTC PRETEST	THAILAND	12	Tetracycline screen					
TTC PRETEST	UNITED STATES	15	Tetracycline screen					

honey syrup

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FLUOROQUINOLONES P	TAIWAN	1	Fluoroquinolone Screen					
PHENICOLS PRETEST	TAIWAN	1	Phenicol Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Domestic product testing										
Antibiotics - STOP screening test										
Beef	122		282		252		541		811	98.10
Bison	135									
Chicken	25		286		0		63		311	100.00
Cow	143									
Deer	8									
Duck	25									
Elk	8									
Fowl	33									
Game Bird	10									
Goat	8									
Goose	8									
Horse	127	See note 2 below	155	See note 2 below	280	See note 2 below	288	See note 2 below	357	95.69
Mutton	115		309		253		254		331	100.00
Ostrich	3									
Piglet	78									
Pork	175		330		293		279		895	94.16 [3]
Rabbit	5									
Sow	116									
Turkey	27									
Veal	163		300		293		258		342	99.41
Wild Boar	2									
Other			804		656		792		1,620	96.78
Field tests [1]	N/A		N/A		9,806		13,935		10,534	
Subtotal	1,336		2,466		11,833		16,410		15,201	
Note 1: Field tests are those in plant tests conducted by CFIA staff. STOP and CAST totals are included here. Numbers are no longer available after 2005/2006										
Note 2: For this screening test compliance/non-compliance is no longer calculated since drug specific monitoring										
Note 3: Includes market hogs, piglets (BBQ) and sows for 2003/2004										
Anthelmintics (Morantel and Pyrantel Tartrate)										
Beef	124	100.00	25	100.00	36	100.00	55	100.00	64	100.00
Bison	138	100.00	148	100.00	98	100.00	142	100.00	125	100.00
Chicken	279	100.00								
Cow	136	100.00								
Deer	5	100.00								
Duck	68	100.00								
Elk	6	100.00								
Fowl	100	100.00								
Game Bird	32	100.00								
Goat	7	100.00								
Goose	20	100.00								
Horse	79	100.00	102	100.00	142	100.00	215	100.00	171	100.00
Mutton	114	100.00	22	100.00	41	100.00	49	100.00	48	100.00
Ostrich	22	100.00								
Piglet	31	100.00								
Pork	118	100.00	25	100.00	43	100.00	39	100.00	106	100.00
Rabbit	14	100.00								
Sow	81	100.00	120	100.00	155	100.00	188	100.00	99	100.00
Turkey	120	100.00								
Veal	101	100.00								
Wild Boar	3	100.00								
Other			779	100.00	795	100.00	781	100.00	81	100.00
Subtotal	1,598		1,221		1,310		1,469		694	
Phenicols {Includes Phenicol (MRA) and Chloramphenicol (SRA)}										
Beef	293	100.00	293	100.00	255	100.00	288	100.00	411	100.00
Bison	172	100.00								
Chicken	291	100.00								
Cow	226	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Deer	10	100.00								
Duck	73	100.00								
Elk	9	100.00								
Emu	1	100.00								
Fowl	106	100.00								
Game Bird	80	100.00								
Goat	8	100.00								
Goose	16	100.00								
Horse	219	100.00								
Mutton	227	100.00								
Ostrich	18	100.00								
Piglet	138	100.00								
Pork [(1)]	484	100.00	458	100.00	320	100.00	274	100.00	629	100.00
Rabbit	24	100.00								
Sow	189	100.00								
Turkey	258	100.00								
Veal	457	100.00	577	100.00	377	100.00	257	100.00	306	100.00
Wild Boar	2	100.00								
Other			2,467	100.00	2,191	100.00	2,426	100.00	2,530	100.00
Subtotal	3,301		3,795		3,143		3,245		3,876	
Note 1: Includes market hogs, piglets (BBQ) and sows prior to 2007/2008										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Bacitracin:	New in 2007/2008									
Beef	255	100.00								
Bison	140	100.00								
Chicken	136	100.00								
Cow	124	100.00								
Duck	27	100.00								
Fowl	37	100.00								
Game Bird	58	100.00								
Goat	3	100.00								
Goose	9	100.00								
Horse	152	100.00								
Mutton	139	100.00								
Ostrich	13	100.00								
Piglet	78	100.00								
Pork	149	100.00								
Rabbit	12	100.00								
Sow	109	100.00								
Turkey	147	100.00								
Veal	144	100.00								
Subtotal	1,732									
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
ß-Agonist - Clenbuterol										
Beef							54	100.00	345	100.00
Hormone Free Cattle										
Buffalo	No single residue testing for B-agonists were done during these years.						53	100.00	283	100.00
Pork	All tests were done using the multi-residue method below						16	100.00	238	100.00
Veal							4	100.00	219	100.00
Other							118	100.00	583	100.00
Subtotal							245		1,668	
ß-Agonist - Cimaterol										
Beef							53	100.00	340	100.00
Hormone Free Cattle	No single residue testing for B-agonists were done during these years.									
Veal (1)	All test were done using the multi-residue method below						4	100.00	222	100.00
Other							188	100.00	1,096	100.00
Subtotal							245		1,658	

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	n	% OK	n	% OK	n	% OK	n	%	n	% OK
ß-Agonists: Multi-Residue Screen										
Beef	130	99.23	304	100.00	222	100.00	225	100.00	149	100.00
Bison	86	100.00								
Chicken	20	100.00								
Cow	90	100.00								
Deer	11	100.00								
Elk	10	100.00								
Game Bird	20	100.00								
Goat	9	100.00								
Goose										
Hormone Free Cattle	1	100.00	0 (1)		0 (1)		5	100.00	3	100.00
Horse	44	100.00								
Mutton	94	98.94								
Ostrich	11	100.00								
Piglet	75	100.00								
Pork	419	100.00								
Rabbit	12	100.00								
Sow	108	100.00								
Turkey	25	100.00								
Veal	285	100.00	641	100.00	768	100.00	284	100.00	425	100.00
Wild Boar	2	100.00								
Other			1,880	100.00	1,743	100.00	1,441	100.00	594	100.00
Subtotal	1,452		2,825		2,733		1,955		1,171	
Note 1 : None presented for slaughter										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Benzimidazoles:										
Beef	168	100.00	198	100.00	315	100.00	345	100.00	400	100.00
Bison	216	100.00	171	100.00	206	99.50	275	100.00	409	100.00
Chicken	155	99.35								
Cow	127	100.00								
Deer	6	100.00								
Duck	74	100.00								
Elk	7	100.00								
Fowl	105	100.00								
Game Bird	27	100.00								
Goat	5	100.00								
Goose	20	100.00								
Horse	84	100.00	111	100.00	294	100.00	318	100.00	171	100.00
Mutton	139	95.68	192	97.40	303	98.35	289	99.19	48	100.00
Ostrich	17	100.00								
Piglet	125	100.00								
Pork	130	100.00	181	100.00	319	100.00	295	100.00	106	100.00
Rabbit	22	100.00								
Sow	90	98.89	136	100.00	304	100.00	317	100.00	99	100.00
Turkey	105	100.00								
Veal	124	100.00								
Wild Boar	2	100.00								
Other			1,015	100.00	1,115	100.00	1,345	99.85	892	100.00
Subtotal	1,748		2,004		2,856		3,184		2,125	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Carbadox (as QCA)										
Beef	62	100.00								
Bison	1	100.00								
Chicken	58	100.00								
Deer	4	100.00								
Elk	8	100.00								
Goat	5	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Horse	47	100.00								
Mutton	59	100.00								
Piglet	54	100.00								
Pork	212	100.00	327[(1)]	99.69	256[(1)]	100.00	449[(1)]	100.00	302	100.00
Sow	98	100.00								
Veal	71	100.00								
Wild Boar	2	100.00								
Other	N/A		223	100.00	244	100.00	145	100.00	723	99.86
Subtotal	681		550		500		594		1,025	
Note 1: Includes market hogs and piglets (BBQ).										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Carbadox:										
Beef	95	100.00								
Chicken	66	100.00								
Cow	1	100.00								
Deer	4	100.00								
Elk	8	100.00								
Fowl	8	100.00								
Goat	5	100.00								
Goose	12	100.00								
Horse	51	100.00								
Mutton	63	100.00								
Piglet	103	100.00	124	100.00	67	100.00				
Pork	462	100.00	157	100.00	49	100.00				
Rabbit	17	100.00								
Sow	180	100.00								
Veal	73	100.00								
Wild Boar	1	100.00								
Other					45	100.00				
Subtotal	1,149		281		161					
Carbamates:										
Beef	171	100	158	100.00	136	100.00	185	100.00	291	100.00
Bison	134	100								
Chicken	168	100	137	100.00	132	100.00	175	100.00	469	100.00
Cow	130	100	155	100.00	106	100.00	130	100.00	140	100.00
Deer	10	100								
Duck	77	100								
Elk	9	100								
Fowl	109	100								
Game Bird	29	100	36	100.00	29	100.00	45	100.00	77	100.00
Goat	9	100								
Goose	20	100								
Horse	76	100	75	100.00	124	100.00	169	100.00	213	100.00
Mutton	118	100	152	100.00	121	100.00	147	100.00	196	100.00
Ostrich	18	100								
Piglet	125	100								
Pork	144	100	153	100.00	120	100.00	133	100.00	511	100.00
Rabbit	21	100								
Sow	87	100								
Turkey	116	100	146	100.00	112	100.00	203	100.00	220	100.00
Veal	135	100	159	100.00	145	100.00	131	100.00	123	100.00
Wild Boar	1	100								
Other			576	100	471	100.00	639	100.00	406	100.00
Subtotal	1,707		1,747		1,496		1,957		2,646	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Ceftiofur										
Beef	249	100.00	209	100.00	186	100.00	238	100.00		
Bison	134	100.00	165	100.00	109	100.00	102	100.00		

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	n	% OK	n	% OK	n	% OK	n	%	n	% OK
Chicken	162	100.00	151	100.00	153	100.00	125	100.00		
Cow	78	100.00	49	100.00	32	100.00	29	100.00		
Deer	3	100.00								
Duck	63	100.00	46	100.00	52	100.00	41	100.00		
Elk	8	100.00								
Fowl	100	100.00	181	100.00	161	100.00	143	100.00		
Game Bird	31	100.00	51	100.00	43	100.00	32	100.00		
Goat	3	100.00								
Goose	19	100.00								
Horse	71	100.00	92	100.00	153	100.00	118	100.00		
Mutton	146	100.00	179	100.00	156	100.00	125	100.00		
Ostrich	15	100.00								
Piglet	62	100.00								
Pork	386	100.00	194	100.00	187	100.00	155	100.00		
Rabbit	28	100.00								
Sow	61	100.00	37	100.00	34	100.00	31	100.00		
Turkey	129	100.00	154	100.00	148	100.00	116	100.00		
Veal	316	100.00	475	100.00	496	100.00	161	100.00		
Wild Boar	2	100.00								
Other			183	100.00	226	100.00	77	100.00		
Subtotal	2,066		2,166		2,136		1,493			
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Chlorinated Phenols:										
Beef	357	99.72	297	99.66	233	99.57	267	100.00	407	100.00
Bison	257	100.00								
Chicken	300	100.00	302	100.00	249	100.00	287	100.00	566	100.00
Cow	245	99.59								
Deer	11	100.00								
Duck	69	100.00								
Elk	7	100.00								
Fowl	135	100.00								
Game Bird	55	100.00								
Goat	11	100.00								
Goose	23	100.00								
Horse	277	94.95	163	95.09						
Mutton	168	98.21	317	99.68						
Ostrich	27	100.00								
Piglet	119	100.00								
Pork	271	99.63	346	100.00	274	100.00	284	99.65	719	98.80
Rabbit	27	100.00								
Sow	182	97.80								
Turkey	265	100.00								
Veal	182	98.90								
Wild Boar	3	100.00								
Other			2,083	100.00	2,077	99.61	2,408	99.00	1,978	99.09
Subtotal	2,991		3,508		2,833		3,246		3,670	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Clopidol:										
Beef	71	100.00								
Chicken	196	100.00	304	100.00	217	100.00	287	100.00	282	100.00
Cow	1	100.00								
Deer	5	100.00								
Duck	88	100.00	93	98.92						
Elk	4	100.00								
Fowl	119	100.00	310	100.00	229	100.00	308	100.00	278	100.00
Game Bird	41	92.68	122	98.36	91	100.00	118	99.15	112	100.00
Goat	9	100.00								
Goose	16	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Mutton	1	100.00								
Ostrich	22	100.00								
Piglet	31	100.00								
Rabbit	18	100.00								
Sow	48	100.00								
Turkey	156	100.00	306	100.00						
Veal	76	100.00								
Wild Boar	2	100.00								
Other			65	100.00	372	100.00	436	100.00	321	100.00
Subtotal	904		1,200		909		1,149		993	
Decoquinate:										
Beef	163	100.00	151	100.00	128	100.00	157	100.00	322	100.00
Bison	121	100.00								
Chicken	145	100.00	138	100.00	136	100.00	170	100.00	257	100.00
Cow	132	100.00	150	100.00	104	100.00	128	100.00	174	100.00
Deer	6	100.00								
Duck	78	100.00								
Elk	7	100.00								
Fowl	103	100.00	163	100.00	121	100.00	179	100.00	266	100.00
Game Bird	26	100.00	36	100.00	29	100.00	45	100.00	89	100.00
Goat	8	100.00								
Goose	19	100.00								
Horse	83	100.00	72	100.00	112	100.00	173	100.00	236	100.00
Mutton	144	100.00	150	100.00	117	100.00	140	100.00	249	100.00
Ostrich	14	100.00								
Piglet	26	100.00								
Pork	132	100.00	149	100.00	116	100.00	127	100.00	233	100.00
Rabbit	20	100.00								
Sow	97	100.00								
Turkey	101	100.00	139	100.00	113	100.00	180	100.00	241	100.00
Veal	120	100.00	157	100.00	144	100.00	132	100.00	201	100.00
Wild Boar	3	100.00								
Other			369	100.00	327	100.00	394	100.00	383	100.00
Subtotal	1,548		1,674		1,447		1,825		2,651	
Dexamethazone:										
Beef	299	100.00	60	100.00	56	100.00	113	100.00	284	100.00
Bison	217	100.00	252	100.00						
Chicken	46	100.00	54	100.00						
Cow	184	100.00	278	100.00						
Deer	8	100.00								
Duck	41	100.00								
Elk	5	100.00								
Fowl	38	100.00	49	100.00						
Game Bird	3	100.00								
Goat	5	100.00								
Goose	13	100.00	30	100.00						
Horse	187	100.00	143	100.00	290	100.00	263	100.00	247	100.00
Mutton	174	100.00	70	100.00						
Ostrich	16	100.00	31	100.00						
Piglet	73	100.00								
Pork	286	100.00	83	100.00	63	100.00	78	100.00	259	100.00
Rabbit	12	100.00								
Sow	149	100.00	213	100.00						
Turkey	37	100.00	43	100.00						
Veal	191	100.00	64	100.00	349	100.00	63	100.00	254	100.00
Wild Boar	2	100.00								
Other			68	100.00	853	100.00	735	100.00	1	100.00
Subtotal	1,986		1,438		1,611		1,252		1,045	
Endectocides:										
Beef	345	100.00	288	100.00	285	99.65	369	98.68	257	99.22

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Bison	248	99.19	250	99.60	124	100.00	238	96.00	219	100.00
Chicken	219	100.00								
Cow	232	100.00	276	100.00	196	99.49	195	100.00		
Deer	10	100.00								
Duck	41	100.00								
Elk	14	100.00								
Fowl	41	100.00								
Game Bird	30	100.00								
Goat	12	100.00								
Goose	9	100.00								
Horse	115	96.52	158	98.73	269	99.63	326	98.18	261	95.40
Mutton	178	100.00	296	99.66	241	100.00	251	100.00		
Ostrich	23	100.00								
Piglet	171	100.00								
Pork	553	100.00	478	100.00	505	100.00	381	100.00	290	100.00
Rabbit	29	100.00								
Sow	188	100.00	224	100.00	254	99.61	286	100.00		
Turkey	64	100.00								
Veal	439	100.00	604	97.68	899	99.00	273	96.70	329	97.57
Wild Boar	2	100.00								
Other			236	99.15	289	100.00	130	100.00		
Subtotal	2,963		2,810		3,062		2,449		1,356	
Fluoroquinolones										
Beef	303	100.00	142	100.00	133	100.00	248	100.00	443	100.00
Bison	212	100.00								
Chicken	233	100.00	91	100.00	133	100.00	166	100.00	542	100.00
Cow	201	100.00								
Deer	10	100.00								
Duck	46	100.00								
Elk	7	100.00								
Fowl	95	100.00								
Game Bird	32	100.00								
Goat	5	100.00								
Goose	20	100.00								
Horse	212	100.00								
Mutton	222	100.00								
Ostrich	22	100.00								
Piglet	164	100.00								
Pork	498	100.00	259	100.00	266	100.00	254	100.00	721	100.00
Rabbit	30	100.00								
Sow	167	100.00								
Turkey	212	100.00								
Veal	313	99.68	405	100.00	492	98.91	126	100.00	343	100.00
Wild Boar	3									
Other			935	100.00	1,118	100.00	1,237	100.00	1,589	99.62
Subtotal	3,007		1,832		2,142		2,031		3,638	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Glycosides										
Beef	283	100.00	127	100.00	113	100.00	153	100.00		
Bison	109	100.00	131	100.00	62	100.00	60	100.00		
Chicken	169	100.00	93	100.00	113	100.00	108	100.00		
Cow	163	100.00	145	100.00	107	100.00	77	100.00		
Deer	7	100.00								
Duck	37	100.00	32	100.00	42	100.00	38	100.00		
Elk	5	100.00								
Fowl	68	100.00	98	100.00	109	100.00	115	100.00		
Game Bird	52	100.00	38	100.00	46	100.00	40	100.00		
Goat	4	100.00								
Goose	13	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Horse	167	98.20	89	100.00	138	100.00	114	100.00		
Mutton	168	100.00	145	100.00	125	100.00	109	100.00		
Ostrich	15	100.00								
Piglet	63	96.83								
Pork	122	100.00	140	100.00	139	100.00	153	100.00		
Rabbit	11	100.00	15	100.00	29	100.00	48	100.00		
Sow	124	100.00	127	100.00	131	100.00	129	100.00		
Turkey	151	100.00	85	100.00	91	100.00	77	100.00		
Veal	204	100.00	130	100.00	135	100.00	127	100.00		
Wild Boar	1	100.00								
Other			37	100.00	39	100.00	29	100.00		
Subtotal	1,936		1,432		1,419		1,377			
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Halofuginone										
Beef	254	100.00								
Chicken	148	100.00	125	100.00	134	100.00	155	100.00	270	100.00
Deer	6	100.00								
Duck	82	100.00								
Elk	3	100.00								
Fowl	103	100.00	137	100.00	123	100.00	185	100.00	272	100.00
Game birds	35	100.00	41	100.00	49	100.00	53	100.00	105	100.00
Goat	3	100.00								
Goose	15	100.00								
Horse	92	100.00								
Mutton	78	100.00								
Ostrich	22	100.00								
Piglet	26	100.00								
Pork	96	100.00								
Rabbit	19	100.00								
Sow	50	100.00								
Turkey	101	100.00	127	100.00	136	100.00	152	100.00	201	100.00
Veal	251	100.00								
Wild Boar	3	100.00								
Other			92	100.00	97	100.00	80	100.00	92	100.00
Subtotal	1,387		522		539		625		940	
Ionophores										
Beef	255	99.61	178	100.00	134	100.00	178	100.00	301	100.00
Bison	237	98.73	138	100.00						
Chicken [1]	248	83.47	138	100.00	138	100.00	417	100.00	544	99.62
Cow	225	100.00	163	100.00						
Deer	2	100.00								
Duck	44	100.00								
Elk	11	100.00								
Emu	1	100.00								
Fowl	108	100.00	177	100.00						
Game Bird	35	77.14								
Goat	7	100.00								
Goose	19	100.00								
Horse	106	99.06								
Mutton	146	86.30	167	99.40						
Ostrich	23	100.00								
Piglet	33	100.00								
Pork [2]	229	98.69	334	99.70	162	100.00	353	99.42	456	100.00
Rabbit	27	88.89								
Sow	176	98.86								
Turkey	148	95.95	178	98.31						
Veal	162	100.00	189	98.94	178	100.00	165	100.00	49	100.00
Wild Boar	1	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Other			268	98.44	1,134	99.82	1,093	99.45	1,327	99.55
Subtotal	2,243		1,930		1,746		2,206		2,667	
Note 1: This category includes “fowl” prior to 2006/2007										
Note 2: Includes market hogs, piglets (BBQ) and sows prior to 2007/2008										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Macrolides										
Beef	482	100.00	230	100.00	202	100.00	242	100.00		
Bison	231	100.00	165	100.00	76	100.00	86	100.00		
Chicken	285	100.00	182	100.00	143	100.00	141	100.00		
Cow	262	100.00	187	100.00	120	100.00	89	100.00		
Deer	10	100.00								
Duck	52	100.00	50	100.00	53	100.00	43	100.00		
Elk	8	100.00								
Fowl	120	100.00	191	100.00	169	100.00	161	100.00		
Game Bird	93	100.00	72	100.00	53	100.00	59	100.00		
Goat	9	100.00								
Goose	4	100.00								
Horse	169	100.00	102	100.00	152	100.00	125	100.00		
Mutton	352	100.00	178	100.00	139	100.00	123	100.00		
Ostrich	26	100.00								
Piglet	172	100.00								
Pork	708	99.72	361	100.00	302	100.00	303	100.00		
Rabbit	38	97.37	16	93.75	32	100.00	51	100.00		
Sow	122	100.00	144	100.00	150	100.00	144	100.00		
Turkey	221	100.00	174	100.00	146	100.00	116	100.00		
Veal	492	100.00	506	99.79	576	100.00	169	100.00		
Wild Boar	3	100.00								
Other			189	100.00	172	99.42	36	100.00		
Subtotal	3,859		2,747		2,485		1,888			
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Nicarbazin										
Beef	67	100.00								
Bison	2	100.00								
Chicken	148	100.00	124	100.00	147	100.00	196	100.00	264	100.00
Cow	57	100.00								
Deer	3	100.00								
Duck	64	100.00								
Elk	6	100.00								
Emu	1	100.00								
Fowl	91	100.00	139	100.00	138	100.00	197	100.00	272	100.00
Game Bird	44	100.00	47	100.00	53	100.00	69	100.00	105	100.00
Goat	4	100.00								
Goose	13	100.00								
Mutton	55	100.00								
Ostrich	22	100.00								
Piglet	24	100.00								
Pork	1	100.00								
Sow	66	100.00								
Turkey	120	100.00	132	100.00	146	100.00	201	100.00	214	100.00
Veal	86	100.00								
Other			91	100.00	104	100.00	90	100.00	36	100.00
Subtotal	874		533		588		753		951	
Nitroimidazoles (includes dimetridazole and ronidazole)										
Beef	350	100.00	271	100.00						
Bison	154	100.00	263	100.00						
Chicken	307	100.00	196	100.00						
Cow	281	100.00	167	100.00						
Deer	8	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Duck	83	100.00								
Elk	10	100.00								
Fowl	112	100.00	186	100.00						
Game Bird	39	100.00								
Goat	10	100.00								
Goose	24	100.00								
Horse	275	100.00								
Mutton	308	100.00	280	100.00						
Ostrich	30	100.00								
Piglet	127	100.00								
Pork	467	100.00	203	100.00	166	100.00	191	100.00	1,317	100.00
Rabbit	22	100.00								
Sow	221	100.00								
Turkey	291	100.00	193	100.00	148	100.00	281	100.00	480	100.00
Veal	328	100.00	302	100.00						
Wild Boar	4	100.00								
Other			542	100.00	1,752	100.00	1,858	100.00	705	100.00
Subtotal	3,451		2,603		2,066		2,330		2,502	
Nitrofurans (by bound metabolite method):										
Beef	242	100.00	304	100.00						
Bison	203	100.00	272	100.00						
Chicken	203	100.00	154	100.00						
Cow	186	100.00	298	100.00	156	100.00	171	100.00	188	100.00
Deer	11	100.00								
Duck	53	100.00								
Elk	10	100.00								
Fowl	62	100.00	161	100.00						
Game Bird	59	100.00								
Goat	8	100.00								
Goose	7	100.00								
Horse	152	100.00	168	100.00						
Mutton	210	100.00	320	100.00						
Ostrich	16	100.00								
Piglet	119	100.00								
Pork	445	100.00	455	100.00						
Rabbit	23	100.00								
Sow	146	100.00	226	100.00						
Turkey	151	100.00	157	100.00						
Veal	378	100.00	563	99.82	328	100.00	276	100.00	419	100.00
Wild Boar	1	100.00								
Other			356	100.00	1,901	100.00	1,751	100.00	1	100.00
Subtotal	2,685		3,434		2,385		2,198		608	
NSAID (Non steroidal This group includes dipyrone, flunixin and phenybutazone										
Beef	570	100.00	153	100.00	157	100.00	233	100.00	426	100.00
Bison	652	100.00	711	100.00	345	100.00	482	100.00	474	100.00
Chicken	268	100.00								
Cow	614	99.84	800	99.88	667	99.85	530	100.00	500	100.00
Deer	29	100.00								
Duck	48	100.00								
Elk	21	100.00								
Emu	1	100.00								
Fowl	84	100.00								
Game Bird	4	100.00								
Goat	26	100.00								
Goose	15	100.00								
Horse	407	100.00	478	100.00	787	100.00	641	100.00	352	100.00
Mutton	466	100.00	170	100.00						
Ostrich	44	100.00								
Piglet	90	100.00								
Pork	533	100.00	205	100.00	163	100.00	190	100.00	329	100.00

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Rabbit	44	100.00								
Sow	453	100.00	627	100.00						
Turkey	74	100.00								
Veal	669	99.55	383	100.00	760	99.87	203	100.00	574	100.00
Wild Boar	6	100.00								
Other			429	100.00	1,331	100.00	1,214	100.00		
Subtotal	5,118		3,956		4,210		3,493		2,655	
Penicillins										
Beef	166	100.00	133	100.00	75	100.00	162	100.00		
Bison	173	100.00	151	100.00	47	100.00	93	100.00		
Chicken	188	100.00	196	100.00	116	100.00	169	100.00		
Cow	183	100.00	170	100.00	99	100.00	100	100.00		
Deer	5	100.00								
Duck	41	100.00	45	100.00	31	100.00	50	100.00		
Elk	3	100.00								
Fowl	97	100.00	198	100.00	116	100.00	184	100.00		
Game Bird	26	100.00	69	100.00	48	100.00	72	100.00		
Goat	2	100.00								
Goose	10	100.00	14	100.00	10	100.00	8	100.00		
Horse	156	100.00	112	100.00	125	99.20	149	99.33		
Mutton	74	100.00	52	100.00	15	100.00	48	100.00		
Ostrich	13	100.00	12	100.00	16	100.00	17	100.00		
Piglet	145	100.00								
Pork	550	100.00	212	100.00	160	98.46	216	100.00		
Rabbit	16	100.00	8	100.00	2	100.00	37	100.00		
Sow	121	100.00	147	100.00	129	100.00	166	99.40		
Turkey	119	100.00	206	100.00	142	100.00	150	100.00		
Veal	345	100.00	373	100.00	420	100.00	61	100.00		
Wild Boar	2	100.00	1	100.00	0	100.00	1	100.00		
Other			136	100.00	119	98.29				
Subtotal	2,435		2,222		1,670		1,683			
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Pesticides (MRA) & PCBs										
Beef	192	100.00	299	100.00	233	100.00	262	100.00	314	100.00
Bison	164	100.00	267	100.00						
Chicken	156	100.00	295	100.00	254	100.00	275	100.00	523	100.00
Cow	157	100.00	292	100.00						
Deer	12	100.00								
Duck	52	100.00	91	100.00	90	100.00	74	100.00	52	100.00
Elk	16	100.00								
Fowl	46	100.00	304	100.00						
Game Bird	60	100.00								
Goat	14	100.00								
Goose	4	100.00	31	100.00	28	100.00	10	100.00	11	100.00
Horse	209	100.00	163	98.77	277	100.00	261	100.00	231	99.13
Mutton	133	100.00	310	100.00	246	100.00	241	100.00	261	100.00
Ostrich	26	100.00								
Piglet	18	100.00								
Pork	177	100.00	345	100.00	287	100.00	262	100.00	589 (1)	100.00
Rabbit	17	100.00								
Sow	125	100.00	225	100.00						
Turkey	135	100.00	305	100.00	266	100.00	273	100.00	237	100.00
Veal	152	100.00	314	100.00	278	100.00	254	100.00	231	100.00
Wild Boar	4	100.00								
Other			303	100.00	1,007	99.90	1,112	99.91	643	99.62
Subtotal	1,869		3,422		2,966		3,024		3,092	
Synthetic Pyrethrins										
Beef	111	100.00	81	100.00	105	100.00	156	100.00	317	100.00
Bison	51	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Chicken	96	100.00	99	100.00	126	100.00	166	100.00	597	100.00
Cow	96	100.00								
Deer	5	100.00								
Duck	49	100.00	27	100.00	49	100.00	39	100.00	64	100.00
Elk	8	100.00								
Fowl	62	100.00								
Game Bird	27	100.00								
Goat	7	100.00								
Goose	15	100.00	11	100.00	11	100.00	3	100.00	15	100.00
Horse	63	100.00	53	100.00	131	100.00	165	100.00	277	100.00
Mutton	112	100.00	91	100.00	112	100.00	131	100.00	315	100.00
Ostrich	17	100.00								
Piglet	24	100.00								
Pork	95	100.00	83	100.00	123	100.00	119	100.00	702	100.00
Rabbit	28	100.00								
Sow	59	100.00								
Turkey	95	100.00	80	100.00	131	100.00	181	100.00	238	100.00
Veal	80	100.00	85	100.00	123	100.00	115	100.00	347	100.00
Wild Boar	3	100.00								
Other			350	100.00	516	100.00	670	100.00	767	100.00
Subtotal	1,103		960		1,427		1,745		3,639	
Spectinomycin										
Beef	35	100.00	67	100.00	45	100.00	39	100.00		
Bison	48	100.00	218	100.00	117	100.00	130	100.00		
Cow	48	97.92	258	100.00	194	100.00	146	100.00		
Deer	3	100.00								
Elk			3	100.00	0	100.00	1	100.00		
Goat	3	100.00								
Horse	18	100.00	155	100.00	243	100.00	201	100.00		
Mutton	26	100.00	69	100.00	49	100.00	48	100.00		
Pork	34	100.00	68	100.00	60	100.00	59	100.00		
Rabbit			19	100.00	13	100.00	16	100.00		
Sow	31	100.00	200	100.00	245	100.00	230	100.00		
Veal	36	97.22	58	100.00	64	100.00	58	100.00		
Wild Boar	1	100.00								
Other			11	100.00	2	100.00				
Subtotal	283		1,126		1,032		928			
Sulfonamides										
Beef	183	100.00	318	100.00	261	100.00	377	100.00	491	100.00
Bison	136	100.00								
Chicken[(1)]	183	100.00	267	100.00	248	100.00	584	100.00	593	100.00
Cow	120	100.00								
Deer	10	100.00								
Duck	90	98.89								
Elk	9	100.00								
Fowl	105	100.00								
Game Bird	43	100.00								
Goat	10	100.00								
Goose	13	100.00								
Horse	80	100.00	160	100.00	250	100.00	304	100.00	359	100.00
Mutton	166	100.00	293	100.00	242	100.00	252	100.00	321	100.00
Ostrich	19	100.00								
Piglet	170	99.41								
Pork[(2)]	539	100.00	11,241	100.00	12,278	99.91	5,603	99.89	5,599	99.91
Rabbit	23	100.00								
Sow	176	100.00	223	100.00	237	99.58	279	100.00	275	100.00
Turkey	177	100.00	284	100.00	238	100.00	285	100.00	327	100.00
Veal	338	99.41	592	100.00	603	99.83	260	100.00	330	100.00
Wild Boar	4	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	n	% OK	n	% OK	n	% OK	n	%	n	% OK
Other			1,162	99.83	982	99.90	754	99.87	1,019	100.00
Subtotal	2,594		14,540		15,339		8,698		9,314	
Note 1: The category "Chicken" included “fowl” prior to 2007/2008.										
Note 2: The category "Pork" included market hogs and piglets (BBQ) prior to 2007/2008. Totals for pork from 2007/08 forward do not include f										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Tetracyclines										
Beef	270	100.00	208	100.00	187	100.00	228	100.00		
Bison	215	100.00	123	100.00	65	100.00	71	100.00		
Chicken	205	100.00	113	100.00	126	100.00	109	100.00		
Cow	202	100.00	111	100.00	92	100.00	66	100.00		
Deer	7	100.00								
Duck	50	100.00	42	100.00	45	100.00	38	100.00		
Elk	10	100.00								
Fowl	84	100.00	127	100.00	128	100.00	116	100.00		
Game Bird	36	100.00	50	100.00	58	100.00	41	100.00		
Goat	7	100.00								
Goose	12	100.00								
Horse	111	100.00	78	100.00	147	100.00	105	100.00		
Mutton	127	100.00	132	100.00	116	100.00	102	100.00		
Ostrich	20	100.00	17	100.00	21	100.00	17	100.00		
Piglet	169	100.00								
Pork	514	100.00	273	100.00	290	100.00	302	100.00		
Rabbit	11	100.00	19	100.00	22	100.00	44	100.00		
Sow	169	100.00	96	100.00	112	100.00	114	100.00		
Turkey	104	100.00	114	100.00	120	100.00	94	100.00		
Veal	332	99.40	427	96.27	516	94.17	111	100.00		
Wild Boar										
Other			177	100.00	150	99.65	17	100.00		
Subtotal	2,655		2,107		2,195		1,575			
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Thyreostats[1]										
Beef	298	70.81	192	100.00	222	93.24	212	94.81	244	100.00
Bison	116	79.31								
Chicken	66	100.00								
Cow	111	83.78	105	100.00	67	97.01	46	100.00	58	100.00
Deer	8	87.50								
Elk	12	91.67								
Fowl	9	100.00								
Game Bird	21	100.00								
Goat	9	100.00								
Goose	9	100.00								
Hormone Free Cattle	1	100.00								
Horse	74	100.00								
Mutton	105	55.24								
Ostrich	13	100.00								
Piglet	22	100.00								
Pork	135	99.26	100[2]	100.00	98[2]	100.00	140 [2]	100.00	232 [2]	100.00
Rabbit	15	93.33								
Sow	84	100.00								
Turkey	45	100.00								
Veal	270	90.74	350	100.00	272	97.43	79	87.34	129	100.00
Wild Boar	3	100.00								
Other			365	100.00	372	94.89	208	95.19	179	100.00
Subtotal	1,426		1,112		1,031		685		842	
Note 1: CFIA believes that positive findings in livers of ruminants species are related to feed components and not due to administration of a dr										
Note 2: Includes market hogs and sows.										
Tranquillizers & ß-Blockers										

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Beef	236	100.00	0	100.00	0	100.00	22	100.00	283	100.00
Bison	135	100.00	259	100.00	108	100.00	152	100.00	270	100.00
Chicken	24	100.00								
Cow	97	100.00	140	100.00	88	100.00	112	100.00	200	100.00
Deer	12	100.00								
Elk	9	100.00								
Game Bird	20	100.00								
Goat	10	100.00								
Horse	96	100.00	160	100.00	221	100.00	259	100.00	262	100.00
Mutton	105	100.00								
Ostrich	20	100.00								
Piglet	76	100.00								
Pork	207	100.00	158	100.00	93	100.00	15	100.00	272	100.00
Rabbit	1	100.00								
Sow	95	100.00	223	100.00	216	100.00	244	100.00	260	100.00
Turkey	57	100.00								
Veal	4	100.00	0	100.00	0	100.00	4	100.00	293	100.00
Wild Boar	3	100.00								
Other			320	100.00	257	100.00	162	100.00	27	100.00
Subtotal	1,207		1,260		983		970		1,870	
Virginiamycin	New in 2007/2008									
Beef	251	100.00								
Bison	142	100.00								
Chicken	125	100.00								
Cow	126	100.00								
Deer	4	100.00								
Duck	26	100.00								
Elk	3	100.00								
Fowl	32	100.00								
Game Bird	50	100.00								
Goat	2	100.00								
Goose	10	100.00								
Horse	131	100.00								
Mutton	126	100.00								
Ostrich	10	100.00								
Piglet	68	100.00								
Pork	128	100.00								
Rabbit	8	100.00								
Sow	93	100.00								
Turkey	130	100.00								
Veal	130	100.00								
Wild Boar	1	100.00								
Subtotal	1,596									
Hormonal Substances - Trenbolone Acetate (TBA)										
Beef	546	100.00	215	99.53	230	92.17	280	100.00	324	99.69
Bison	308	99.68								
Cow	271	100.00								
Deer	10	100.00								
Elk	8	100.00								
Goat	12	100.00								
Goose	10	100.00								
Hormone Free Cattle	22	100.00	1	100.00	0		5	100.00	4	100.00
Horse	286	100.00	131	100.00	244	100.00	281	100.00	265	100.00
Mutton	320	100.00								
Piglet	33	100.00								
Pork	291	100.00	38	100.00	96	100.00	88	100.00	310	100.00
Rabbit	37	100.00								
Sow	217	100.00								
Turkey	59	100.00								
Veal	515	100.00	483	100.00	847	99.76	260	99.23	334	100.00

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Wild Boar	3	100.00								
Other		100.00	306	97.71	483	99.38	657	99.39	820	100.00
Subtotal	2,948		1,403		1,900		1,571		2,052	
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples.										
Compliance rates are based on monitoring samples only.										
Hormonal Substances - Zeranol [1] Included in a new multi-residue method "Zeranol & Stilbenes" starting in 2007/2008										
Beef			270	100.00	296	100.00	372	100.00	632	97.29 (2)
Hormone Free Cattle			5	100.00	2	100.00	5	100.00	4	100.00
Buffalo			228	100.00						
Horse			159	100.00	296	100.00	317	100.00	649	100.00
Mutton			273	100.00						
Pork			88	100.00	205	100.00	191	100.00	544	100.00
Veal			578	99.13	887	99.44	261	99.85	609	97.21
Other			182	100.00	586	100.00	670	100.00	1,191	100.00
Subtotal			1,783		2,272		1,816		3,629	
Note 1: Zeranol and related metabolites are included in the analytical method.										
Note: Totals include both normal and suspect animals. Percent compliance is for normal animals only										
Hormonal Substances - DES & Stilbenes (MRA) Included in a new multi-residue method "Zeranol & Stilbenes" starting in 2007/2008										
Beef			270	100.00	296	100.00	372	100.00	627 (263)	100.00
Hormone Free Cattle			5	100.00	4	100.00	10	100.00	4 (4)	100.00
Buffalo			228							
Horse			159	100.00	296	100.00	317	100.00	649 (261)	100.00
Mutton			273							
Pork			88	100.00	205	100.00	191	100.00	544 (284)	100.00
Veal			578	100.00	887	100.00	261	100.00	609 (317)	100.00
Other			182	100.00	586	100.00	670	100.00	1,191 (2)	100.00
Subtotal			1,783		2,274		1,816		3,624 (1,131)	
Hormonal Substances - Zeranol & Stilbenes (MRA) Starting in 2007/2008 Replaces "Zeranol" and "DES & Stilbenes"										
Beef	284	99.65								
Bison	212	100.00								
Cow	172	100.00								
Deer	10	100.00								
Elk	14	100.00								
Fowl	9	100.00								
Goat	6	100.00								
Goose	11	100.00								
Hormone Free Cattle	22	100.00								
Horse	101	100.00								
Mutton	147	100.00								
Piglet	20	100.00								
Pork	100	100.00								
Rabbit	23	100.00								
Sow	146	100.00								
Turkey	45	100.00								
Veal	288	100.00								
Wild Boar	2	100.00								
Subtotal	1,612									
Hormonal Substances - Gestagens [1]										
Beef	531	100.00	292	100.00	245	97.55	296	97.30	248 (248)	91.52
Bison	3	100.00								
Chicken	78	100.00								
Cow	255	100.00								
Deer	7	100.00								
Duck	3	100.00								
Elk	8	100.00								
Fowl	1	100.00								
Goat	7	100.00								
Goose	7	100.00								
Hormone Free Cattle	1	100.00								

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**%**	**n**	**% OK**
Horse	79	100.00	20	100.00	58	100.00	114	100.00	259 (175)	100.00
Mutton	246	100.00								
Piglet	2	100.00								
Pork	221	100.00	23	100.00	82	100.00	142	100.00	292 (292)	100.00
Rabbit	17	100.00								
Sow	197	100.00								
Turkey	1	100.00								
Veal	470	100.00	613	100.00	826	100.00	275	100.00	330 (330)	99.70
Wild Boar	1	100.00								
Other			243	100.00	184	100.00	334	100.00	758 (454)	99.25
Subtotal	2,135		1,191		1,395		1,161		1,887 (1,499)	
Note 1: This method includes melengestrol, chlormadinone and megestrol acetate.										
Note: For 2007/2008, totals include only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Hormonal Substances - Nortestosterone										
Hormone Free Cattle	21	100.00	2	100.00			5	100.00	6	100.00
Hormonal Substances - Other hormonal growth promotants										
Beef					4	100.00				
Veal	59	100.00	140	100.00	177	89.83	148	98.31		
Subtotal	59		140				152			
Metals										
Beef	2,845		2,295		2,805		4,688		2,017	
Bison	1,200		1,860		1,438		2,794		1,827	
Chicken	1,322		1,110		1,447		1,933		4,032	
Cow	1,107		2,100		2,452		2,333		927	
Deer	98									
Duck	675		375		593		545		333	
Elk	140									
Fowl	648									
Game Bird	219									
Goat	98									
Goose	255	N/A	135	N/A	210	N/A	71	N/A	63	N/A
Horse	1,605		1,689		3,253		3,087		1,683	
Mutton	1,495		2,025		2,867		3,287		1,224	
Ostrich	294									
Piglet	370									
Pork	2,611		2,385		3,271		3,571		1,818	
Rabbit	191									
Sow	2,242		1,320		3,116		3,767		2,304	
Turkey	1,323		1,005		1,651		2,433		2,025	
Veal	1,758		2,250		3,072		3,172		441	
Wild Boar	56									
Other			2,655		3,400		4,672		2,385	
Subtotal	20,552		21,204		29,575		36,353		21,079	
Domestic Total	94,217		100,887		116,935		118,137		103,560	

Meat and Poultry Products

5 Year Progression of Chemical Residues and Additives

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	n	% OK	n	% OK	n	% OK	n	%	n	% OK
Imported Meat & Poultry Products										
Albendazole							4	100.00		
Anthelmintic	7	100.00	6	100.00	19	100.00	39	100.00		
Antibiotics					3	100.00			662	100.00
Avermectins					12	100.00	1	100.00		
Bacitracin	51	100.00								
ß-Agonists	3	100.00	12	100.00	98	100.00	9	100.00		
Benzimidazoles	21	100.00	10	100.00	162	100.00	78	100.00		
Carbadox (QCA)	1	100.00	4	100.00	102	100.00	421	100.00		
Carbamates										
Ceftiofur	93	100.00	36	100.00	29	100.00	38	100.00		
Chloramphenicol	12	100.00	103	100.00	82	100.00	102	100.00	21	100.00
Chlorinated Phenol			3	100.00	45	100.00	3	100.00		
Clopidol	55	100.00								
Decoquinate	240	100.00	195	100.00	180	100.00	124	100.00		
Desoxycarbadox	685	99.85	162	100.00	220	100.00				
Dexamethasone	185	100.00	141	100.00	182	100.00	140	100.00		
Dimetridazole	19	100.00	81	100.00	112	100.00	44	100.00		
Dipyrone	29	100.00	4	100.00	226	100.00	30	100.00		
Endectocides	3	100.00	30	100.00						
Flunixin	61	100.00	22	100.00	75	100.00	53	100.00		
Fluoroquinolones	263	100.00	319	100.00	230	100.00	105	100.00	2	100.00
Furazolidone (met)			55	100.00	62	100.00	59	100.00		
Gestagens										
Glycosides	52	100.00	69	100.00	194	100.00	82	100.00		
Ionophores	71	100.00	172	100.00	109	100.00	91	100.00		
Ivermectin					2	100.00				
Macrolides	2	100.00	17	100.00	137	100.00	64	100.00		
Metals	649	N/A	120		499	N/A	132	100.00	51	100.00
Nicarbazin	190	100.00	105	100.00	95	100.00	19	100.00		
Nitrofuran	170		93	100.00	261	100.00	1	0.00		
Nitroimidazoles	143	100.00								
Penicillin G	64	100.00	3	100.00	74	100.00	30	100.00		
Pesticides	110	100.00	114	100.00	243	100.00	438	100.00	976	100.00
Phenicols	87	100.00								
Phenylbutazone	46	100.00	15	100.00	210	100.00	34	100.00		
Ronidazole	17	100.00	93	100.00	125	100.00	57	100.00		
Spectinomycin	2	100.00	42	97.62	170	100.00	82	100.00		
Sulfa Drugs	8	100.00	14	100.00	162	100.00	456	100.00	849	99.88
Synthetic Pyrethrins										
Tetracyclines	97	100.00	168	100.00	342	99.71	48	100.00		
Thyreostats	3	100.00	6	100.00						
Tranquillizer	163	100.00	112	100.00	87	100.00	18	100.00		
Trenbolone Acetate	3	100.00	12	100.00	14	100.00				
Virginiamycin	44	100.00								
Zeranol / Stilbenes	3	100.00	30	100.00	13	100.00	1	100.00		
Import Total	3,652		2,368		4,576		2,803		3,255	
Total Meat Products	97,869		103,255		121,511		120,940		106,815	

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Field-testing in slaughter plants

To ensure compliance with federal acts, regulations and standards, front line inspectors and veterinarians carried out inspections in all federally registered meat slaughter and processing establishments and storage facilities.

The results of the laboratory confirmations of these samples are found in the following tables.

Sulfa on Site (SOS) testing of pork

Region	Number of samples	Urine positives	Confirmed Liver Violations	Confirmed Muscle violations	Percent Compliance (Liver)	Percent Compliance (Muscle)
Atlantic	210	0	0	0	100.00	100.00
Quebec	1,788	1	0	0	100.00	100.00
Ontario	1,215	0	0	0	100.00	100.00
Mid-West (1)	4,876	3	0	0	100.00	100.00
Alberta	1,170	0	0	0	100.00	100.00
B.C./C.B.	146	0	0	0	100.00	100.00
Note 1: Many of the samples are from industry testing reported to CFIA inspection at certain slaughter plants						
Total	**9,405**	**4**	**0**	**0**	**100.00**	**100.00**

Lab Confirmations of Positive Samples Upon Screening

Lab Confirmation of Suspect Beef

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive [a]	Mean	Min	Max	Violations
CEFTIOFUR PRETEST	KIDNEY	26	Ceftiofur					
FLUOROQUINOLONES PR	KIDNEY	26	Fluoroquinolone Screen					
MACROLIDES PRETEST	KIDNEY	36	Macrolides Screen					
MACROLIDES PRETEST	MUSCLE	10	Macrolides Screen					
PENICILLINS PRETEST	KIDNEY	36	Penicillin G	19	0.1515	0.0130	1.0410	13
PENICILLINS PRETEST	MUSCLE	10	Penicillin G	1	0.0090	0.0090	0.0090	
PHENICOLS PRETEST	KIDNEY	26	Phenicol Screen					
SULFA PRETEST	KIDNEY	27	Sulfa screen	3				
SULFA PRETEST	KIDNEY	27	Sulfadoxine	2	0.0965	0.0480	0.1450	1
SULFA PRETEST	KIDNEY	27	Sulfamethazine	1	0.1120	0.1120	0.1120	1
TTC PRETEST	KIDNEY	35	Tetracycline screen	6				
TTC PRETEST	KIDNEY	35	Chlortetracycline	1	0.1210	0.1210	0.1210	
TTC PRETEST	KIDNEY	35	Oxytetracycline	5	8.6412	0.0690	38.8250	2
TTC PRETEST	KIDNEY	35	Tetracycline	2	0.2555	0.1490	0.3620	
TTC PRETEST	MUSCLE	10	Tetracycline screen	2				
TTC PRETEST	MUSCLE	10	Oxytetracycline	2	0.1580	0.1130	0.2030	1

Lab Confirmation of Suspect BISON

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive [a]	Mean	Min	Max	Violations
TBA PRETEST	LIVER	74	Trenbolone Acetate Screen					
TBA PRETEST	MUSCLE	5	Trenbolone Acetate Screen					

Lab Confirmation of Suspect Cow

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive [a]	Mean	Min	Max	Violations
MACROLIDES PRETEST	KIDNEY	1	Macrolides Screen					
MACROLIDES PRETEST	MUSCLE	1	Macrolides Screen					
PENICILLINS PRETEST	KIDNEY	1	Penicillin G					
PENICILLINS PRETEST	MUSCLE	1	Penicillin G					
TTC PRETEST	KIDNEY	1	Tetracycline screen					
TTC PRETEST	MUSCLE	1	Tetracycline screen					

Lab Confirmation of Suspect Horse

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive [a]	Mean	Min	Max	Violations
CEFTIOFUR PRETEST	KIDNEY	1	Ceftiofur					
FLUOROQUINOLONES PR	KIDNEY	1	Fluoroquinolone Screen					
MACROLIDES PRETEST	KIDNEY	2	Macrolides Screen					
MACROLIDES PRETEST	MUSCLE	1	Macrolides Screen					
PENICILLINS PRETEST	KIDNEY	2	Penicillin G	2	0.0130	0.0110	0.0150	2
PENICILLINS PRETEST	MUSCLE	1	Penicillin G					
PHENICOLS PRETEST	KIDNEY	1	Phenicol Screen					

Lab Confirmation of Suspect Horse

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
SULFA PRETEST	KIDNEY	1	Sulfa screen					
TTC PRETEST	KIDNEY	2	Tetracycline screen					
TTC PRETEST	MUSCLE	1	Tetracycline screen					

Lab Confirmation of Suspect Pork

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CEFTIOFUR PRETEST	KIDNEY	9	Ceftiofur					
FLUOROQUINOLONES PR	KIDNEY	9	Fluoroquinolone Screen					
MACROLIDES PRETEST	KIDNEY	11	Macrolides Screen	1				
MACROLIDES PRETEST	KIDNEY	11	Tylosin	1	0.0400	0.0400	0.0400	
MACROLIDES PRETEST	MUSCLE	2	Macrolides Screen					
PENICILLINS PRETEST	KIDNEY	11	Penicillin G					
PENICILLINS PRETEST	MUSCLE	2	Penicillin G					
PHENICOLS PRETEST	KIDNEY	9	Phenicol Screen					
SULFA PRETEST	LIVER	3	Sulfa screen	2				
SULFA PRETEST	LIVER	3	Sulfamethazine	2	0.0855	0.0310	0.1400	1
SULFA PRETEST	KIDNEY	9	Sulfa screen					
SULFA PRETEST	MUSCLE	3	Sulfa screen	1				
SULFA PRETEST	MUSCLE	3	Sulfamethazine	1	0.0460	0.0460	0.0460	
TTC PRETEST	KIDNEY	11	Tetracycline screen	3				
TTC PRETEST	KIDNEY	11	Chlortetracycline	3	0.2027	0.1870	0.2300	
TTC PRETEST	MUSCLE	3	Tetracycline screen					

Lab Confirmation of Suspect VEAL

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PCP PRETEST	LIVER	1	Chlorinated Phenol Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CEFTIOFUR PRETEST	KIDNEY	11	Ceftiofur	1	0.3100	0.3100	0.3100	
CEFTIOFUR PRETEST	MUSCLE	2	Ceftiofur					
FLUOROQUINOLONES PR	KIDNEY	8	Fluoroquinolone Screen					
GESTAGENS PRETEST	FAT	1	Gestagens Screen					
MACROLIDES PRETEST	KIDNEY	27	Macrolides Screen	1				
MACROLIDES PRETEST	KIDNEY	27	Tilmicosin	1	0.0630	0.0630	0.0630	
MACROLIDES PRETEST	MUSCLE	17	Macrolides Screen					
NATURAL HORMONES PR	INJ.SITE	2	Natural hormones Screen					
NITROFURANS PRETEST	MUSCLE	2	Nitrofurans Screen					
PENICILLINS PRETEST	KIDNEY	26	Penicillin G	1	0.0100	0.0100	0.0100	
PENICILLINS PRETEST	MUSCLE	17	Penicillin G					
PHENICOLS PRETEST	KIDNEY	11	Phenicol Screen					
PHENYLBUTAZONE PRET	KIDNEY	1	Phenylbutazone					
PHENYLBUTAZONE PRET	INJ.SITE	1	Phenylbutazone					
SULFA PRETEST	KIDNEY	9	Sulfa screen					

Lab Confirmation of Suspect VEAL

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. Positive [a]	Mean	Min	Max	Violations
TTC PRETEST	KIDNEY	27	Tetracycline screen	15				
TTC PRETEST	KIDNEY	27	Doxycycline	4	0.1090	0.0800	0.1300	4
TTC PRETEST	KIDNEY	27	Tetracycline	12	0.2345	0.0720	0.4670	
TTC PRETEST	MUSCLE	15	Tetracycline screen	1				
TTC PRETEST	MUSCLE	15	Tetracycline	1	0.0920	0.0920	0.0920	
ZERANOL / STILBENES P	LIVER	1	Zeranol/Stilbenes Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Monitoring of Domestic Meat and Poultry Products by Specific Tests

Metals and Elements excluded

BEEF

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	171	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	357	Chlorinated Phenol Screen	2				
CHLORINATED PHENOLS	LIVER	357	Pentachlorophenol	2	0.0845	0.0150	0.1540	1
PESTICIDES-M	FAT	192	Pesticide Screen	1				
PESTICIDES-M	FAT	192	p,p'-DDE	1	0.0070	0.0070	0.0070	
SYNTHETIC PYRETHRINS	FAT	111	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	103	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	21	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	122	STOP Screen	1				
BACITRACIN	MUSCLE	255	Bacitracin A					
B-AGONISTS	LIVER	130	B-Agonists Screen	1				
B-AGONISTS	LIVER	130	Ractopamine	1	0.0940	0.0940	0.0940	1
BENZIMIDAZOLES	LIVER	168	Benzimidazole Screen	1				
BENZIMIDAZOLES	LIVER	168	Fenbendazole	1	0.0010	0.0010	0.0010	
CARBADOX(1)	LIVER	62	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	95	Carbadox Screen					
CEFTIOFUR	KIDNEY	2	Ceftiofur					
CEFTIOFUR	MUSCLE	247	Ceftiofur	1	0.0580	0.0580	0.0580	
CHLORAMPHENICOL(1)	KIDNEY	29	Chloramphenicol					
CLOPIDOL	MUSCLE	71	Clopidol					
DECOQUINATE	MUSCLE	163	Decoquinate					
DEXAMETHAZONE	LIVER	256	Dexamethasone					
DEXAMETHAZONE	MUSCLE	43	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	49	Dimetridazole					
DIPYRONE	MUSCLE	99	Dipyrone Screen					
ENDECTOCIDES	LIVER	345	Endectocides Screen	2				
ENDECTOCIDES	LIVER	345	Ivermectin	2	0.0180	0.0010	0.0350	
FLUNIXIN	MUSCLE	309	Flunixin					
FLUOROQUINOLONES	KIDNEY	2	Fluoroquinolone Screen					
FLUOROQUINOLONES	MUSCLE	301	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	15	Furazolidone Metabolite					
GESTAGENS	FAT	531	Gestagens Screen	11				
GESTAGENS	FAT	531	Melengestrol Acetate	11	0.0091	0.0044	0.0128	
GLYCOSIDES(3)	KIDNEY	225	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	58	Glycosides Screen					
HALOFUGINONE	LIVER	254	Halofuginone					
IONOPHORES	LIVER	192	Ionophore Screen	155				
IONOPHORES	LIVER	192	Lasalocid	5	0.0014	0.0007	0.0021	
IONOPHORES	LIVER	192	Monensin	152	0.0107	0.0001	0.0904	1
IONOPHORES	LIVER	192	Narasin	1	0.0003	0.0003	0.0003	
IONOPHORES	LIVER	192	Salinomycin	2	0.0012	0.0003	0.0021	

BEEF

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
IONOPHORES	MUSCLE	63	Ionophore Screen	5				
IONOPHORES	MUSCLE	63	Monensin	5	0.0005	0.0002	0.0007	
MACROLIDES	LIVER	124	Macrolides Screen					
MACROLIDES	KIDNEY	36	Macrolides Screen	1				
MACROLIDES	KIDNEY	36	Tilmicosin	1	0.0062	0.0062	0.0062	
MACROLIDES(1)	KIDNEY	18	Macrolides Screen					
MACROLIDES(2)	LIVER	151	Macrolides Screen					
MACROLIDES(2)	KIDNEY	14	Macrolides Screen					
MACROLIDES(3)	LIVER	139	Macrolides Screen	1				
MACROLIDES(3)	LIVER	139	Tilmicosin	1	0.0041	0.0041	0.0041	
NICARBAZIN	MUSCLE	67	Nicarbazin					
NITROFURANS	LIVER	225	Nitrofurans Screen					
NITROFURANS	MUSCLE	2	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	254	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	25	Dinitroimidazole Screen					
PENICILLINS(1)	KIDNEY	2	Penicillin G					
PENICILLINS(1)	MUSCLE	164	Penicillin G					
PHENICOLS(1)	LIVER	196	Phenicol Screen					
PHENICOLS(1)	KIDNEY	68	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	162	Phenylbutazone					
RONIDAZOLE	MUSCLE	22	Ronidazole					
SPECTINOMYCIN	MUSCLE	35	Spectinomycin					
SULFONAMIDES(2)	LIVER	181	Sulfa screen					
SULFONAMIDES(2)	KIDNEY	2	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	216	Tetracycline screen					
TETRACYCLINES(1)	MUSCLE	54	Tetracycline screen					
THYREOSTATICA	LIVER	298	Thyreostats Screen	87				
THYREOSTATICA	LIVER	298	Thiouracil	87	0.0094	0.0050	0.0350	87
TRANQUILIZER	LIVER	236	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	546	Trenbolone Acetate Screen	21				
TRENBOLONE ACETATE	LIVER	546	alpha Trenbolone	21	0.0011	0.0005	0.0025	
VIRGINIAMYCIN	MUSCLE	251	Virginiamycin M					
ZERANOL / STILBENES	LIVER	284	Zeranol/Stilbenes Screen	1				
ZERANOL / STILBENES	LIVER	284	Taleranol	1	0.0014	0.0014	0.0014	1
ZERANOL / STILBENES	LIVER	284	Zeranol	1	0.0010	0.0010	0.0010	

BISON

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	134	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	257	Chlorinated Phenol Screen	3				
CHLORINATED PHENOLS	LIVER	257	Pentachlorophenol	3	0.0473	0.0110	0.0730	
PESTICIDES-M	FAT	164	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	51	Synthetic Pyrethrin Screen					

BISON

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	91	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	47	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	135	STOP Screen	2				
BACITRACIN	MUSCLE	140	Bacitracin A					
B-AGONISTS	LIVER	86	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	216	Benzimidazole Screen	1				
BENZIMIDAZOLES	LIVER	216	Fenbendazole	1	0.0020	0.0020	0.0020	
CARBADOX(1)	LIVER	1	Quinoxaline-2-carboxylic acid					
CEFTIOFUR	MUSCLE	134	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	20	Chloramphenicol					
DECOQUINATE	MUSCLE	121	Decoquinate					
DEXAMETHAZONE	LIVER	160	Dexamethasone					
DEXAMETHAZONE	MUSCLE	57	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	26	Dimetridazole					
DIPYRONE	MUSCLE	165	Dipyrone Screen					
ENDECTOCIDES	LIVER	248	Endectocides Screen	2				
ENDECTOCIDES	LIVER	248	Ivermectin	2	0.0370	0.0090	0.0650	2
FLUNIXIN	MUSCLE	313	Flunixin					
FLUOROQUINOLONES	MUSCLE	212	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	6	Furazolidone Metabolite					
GESTAGENS	FAT	3	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	79	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	30	Glycosides Screen					
IONOPHORES	LIVER	183	Ionophore Screen	11				
IONOPHORES	LIVER	183	Monensin	11	0.0023	0.0001	0.0089	3
IONOPHORES	LIVER	183	Narasin	2	0.0004	0.0003	0.0005	
IONOPHORES	LIVER	183	Salinomycin	1	0.0003	0.0003	0.0003	
IONOPHORES	MUSCLE	54	Ionophore Screen	1				
IONOPHORES	MUSCLE	54	Monensin	1	0.0005	0.0005	0.0005	
MACROLIDES	LIVER	125	Macrolides Screen					
MACROLIDES	KIDNEY	21	Macrolides Screen					
MACROLIDES(2)	LIVER	29	Macrolides Screen					
MACROLIDES(2)	KIDNEY	20	Macrolides Screen					
MACROLIDES(3)	LIVER	35	Macrolides Screen					
MACROLIDES(3)	MUSCLE	1	Macrolides Screen					
NICARBAZIN	MUSCLE	2	Nicarbazin					
NITROFURANS	LIVER	197	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	99	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	18	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	173	Penicillin G					
PHENICOLS(1)	LIVER	111	Phenicol Screen					
PHENICOLS(1)	KIDNEY	41	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	174	Phenylbutazone					
RONIDAZOLE	MUSCLE	11	Ronidazole					
SPECTINOMYCIN	MUSCLE	48	Spectinomycin					
SULFONAMIDES(2)	LIVER	136	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	183	Tetracycline screen					

BISON

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
TETRACYCLINES(1)	MUSCLE	32	Tetracycline screen					
THYREOSTATICA	LIVER	116	Thyreostats Screen	24				
THYREOSTATICA	LIVER	116	Thiouracil	24	0.0078	0.0050	0.0136	24
TRANQUILIZER	LIVER	57	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	78	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	308	Trenbolone Acetate Screen	1				
TRENBOLONE ACETATE	LIVER	308	alpha Trenbolone	1	0.0020	0.0020	0.0020	1
VIRGINIAMYCIN	MUSCLE	142	Virginiamycin M					
ZERANOL / STILBENES	LIVER	212	Zeranol/Stilbenes Screen					

CHICKEN

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	168	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	300	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	156	Pesticide Screen	1				
PESTICIDES-M	FAT	156	p,p'-DDE	1	0.0060	0.0060	0.0060	
SYNTHETIC PYRETHRINS	FAT	96	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	209	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	70	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	25	STOP Screen					
BACITRACIN	MUSCLE	136	Bacitracin A					
B-AGONISTS	LIVER	20	B-Agonists Screen	1				
B-AGONISTS	LIVER	20	Ractopamine	1	0.0003	0.0003	0.0003	
BENZIMIDAZOLES	LIVER	97	Benzimidazole Screen	1				
BENZIMIDAZOLES	LIVER	97	Levamisole	1	0.0041	0.0041	0.0041	1
BENZIMIDAZOLES	MUSCLE	58	Benzimidazole Screen					
CARBADOX(1)	LIVER	58	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	66	Carbadox Screen					
CEFTIOFUR	MUSCLE	162	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	65	Chloramphenicol					
CLOPIDOL	LIVER	105	Clopidol					
CLOPIDOL	MUSCLE	91	Clopidol	3	0.1930	0.0270	0.5090	
DECOQUINATE	MUSCLE	145	Decoquinate					
DEXAMETHAZONE	LIVER	26	Dexamethasone					
DEXAMETHAZONE	MUSCLE	20	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	60	Dimetridazole					
DIPYRONE	MUSCLE	74	Dipyrone Screen					
ENDECTOCIDES	LIVER	219	Endectocides Screen					
FLUNIXIN	MUSCLE	92	Flunixin					
FLUOROQUINOLONES	MUSCLE	233	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	11	Furazolidone Metabolite					
GESTAGENS	FAT	78	Gestagens Screen					

CHICKEN

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
GLYCOSIDES(3)	MUSCLE	169	Glycosides Screen					
HALOFUGINONE	LIVER	148	Halofuginone					
IONOPHORES	LIVER	173	Ionophore Screen	74				
IONOPHORES	LIVER	173	Lasalocid	18	0.0038	0.0003	0.0335	8
IONOPHORES	LIVER	173	Monensin	6	0.0012	0.0001	0.0041	
IONOPHORES	LIVER	173	Narasin	22	0.0011	0.0001	0.0070	6
IONOPHORES	LIVER	173	Salinomycin	43	0.0017	0.0001	0.0083	26
IONOPHORES	MUSCLE	75	Ionophore Screen	4				
IONOPHORES	MUSCLE	75	Lasalocid	1	0.0157	0.0157	0.0157	1
IONOPHORES	MUSCLE	75	Narasin	2	0.0003	0.0003	0.0003	
IONOPHORES	MUSCLE	75	Salinomycin	1	0.0004	0.0004	0.0004	
MACROLIDES	LIVER	95	Macrolides Screen					
MACROLIDES	MUSCLE	41	Macrolides Screen					
MACROLIDES(1)	MUSCLE	23	Macrolides Screen					
MACROLIDES(2)	LIVER	60	Macrolides Screen					
MACROLIDES(2)	MUSCLE	11	Macrolides Screen					
MACROLIDES(3)	LIVER	55	Macrolides Screen					
NICARBAZIN	MUSCLE	148	Nicarbazin					
NITROFURANS	LIVER	192	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	231	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	9	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	188	Penicillin G	1	0.0035	0.0035	0.0035	
PHENICOLS(1)	LIVER	168	Phenicol Screen					
PHENICOLS(1)	MUSCLE	58	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	102	Phenylbutazone					
RONIDAZOLE	MUSCLE	7	Ronidazole					
SULFONAMIDES(2)	LIVER	183	Sulfa screen	1				
SULFONAMIDES(2)	LIVER	183	Sulfaquinoxaline	1	0.0270	0.0270	0.0270	
TETRACYCLINES(1)	MUSCLE	205	Tetracycline screen					
THYREOSTATICA	LIVER	66	Thyreostats Screen					
TRANQUILIZER	LIVER	24	Tranquilizers Screen					
VIRGINIAMYCIN	MUSCLE	125	Virginiamycin M					

COW

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	130	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	245	Chlorinated Phenol Screen	3				
CHLORINATED PHENOLS	LIVER	245	Pentachlorophenol	3	0.2027	0.0610	0.4560	1
PESTICIDES-M	FAT	157	Pesticide Screen	1				
PESTICIDES-M	FAT	157	p,p'-DDE	1	0.0500	0.0500	0.0500	
SYNTHETIC PYRETHRINS	FAT	96	Synthetic Pyrethrin Screen	1				
SYNTHETIC PYRETHRINS	FAT	96	Permethrin	1	0.0340	0.0340	0.0340	

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations

COW

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	85	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	51	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	143	STOP Screen					
BACITRACIN	MUSCLE	124	Bacitracin A					
B-AGONISTS	LIVER	90	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	127	Benzimidazole Screen	1				
BENZIMIDAZOLES	LIVER	127	2-aminosulfone albendazole me	1	0.0078	0.0078	0.0078	
CARBADOX(2)	MUSCLE	1	Carbadox Screen					
CEFTIOFUR	MUSCLE	78	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	23	Chloramphenicol					
CLOPIDOL	MUSCLE	1	Clopidol					
DECOQUINATE	MUSCLE	132	Decoquinate					
DEXAMETHAZONE	LIVER	123	Dexamethasone					
DEXAMETHAZONE	KIDNEY	1	Dexamethasone					
DEXAMETHAZONE	MUSCLE	60	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	35	Dimetridazole					
DIPYRONE	MUSCLE	155	Dipyrone Screen					
ENDECTOCIDES	LIVER	232	Endectocides Screen	3				
ENDECTOCIDES	LIVER	232	Doramectin	1	0.0170	0.0170	0.0170	
ENDECTOCIDES	LIVER	232	Eprinomectin	1	0.0120	0.0120	0.0120	
ENDECTOCIDES	LIVER	232	Ivermectin	1	0.0151	0.0151	0.0151	
FLUNIXIN	MUSCLE	310	Flunixin	1	0.0012	0.0012	0.0012	
FLUOROQUINOLONES	MUSCLE	201	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	11	Furazolidone Metabolite					
GESTAGENS	FAT	255	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	136	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	27	Glycosides Screen					
IONOPHORES	LIVER	179	Ionophore Screen	33				
IONOPHORES	LIVER	179	Lasalocid	2	0.0028	0.0003	0.0053	
IONOPHORES	LIVER	179	Monensin	29	0.0073	0.0002	0.0290	
IONOPHORES	LIVER	179	Narasin	1	0.0001	0.0001	0.0001	
IONOPHORES	LIVER	179	Salinomycin	4	0.0004	0.0002	0.0010	
IONOPHORES	KIDNEY	1	Ionophore Screen					
IONOPHORES	MUSCLE	45	Ionophore Screen	1				
IONOPHORES	MUSCLE	45	Monensin	1	0.0005	0.0005	0.0005	
MACROLIDES	LIVER	118	Macrolides Screen					
MACROLIDES	KIDNEY	26	Macrolides Screen					
MACROLIDES(1)	KIDNEY	10	Macrolides Screen					
MACROLIDES(2)	LIVER	91	Macrolides Screen					
MACROLIDES(2)	KIDNEY	16	Macrolides Screen					
MACROLIDES(3)	KIDNEY	1	Macrolides Screen					
NICARBAZIN	MUSCLE	57	Nicarbazin					
NITROFURANS	LIVER	174	Nitrofurans Screen					
NITROFURANS	KIDNEY	1	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	235	Dinitroimidazole Screen					
NITROIMIDAZOLES	KIDNEY	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	5	Dinitroimidazole Screen					

COW

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
PENICILLINS(1)	MUSCLE	183	Penicillin G					
PHENICOLS(1)	LIVER	168	Phenicol Screen					
PHENICOLS(1)	KIDNEY	35	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	149	Phenylbutazone	1	0.9420	0.9420	0.9420	1
RONIDAZOLE	MUSCLE	5	Ronidazole					
SPECTINOMYCIN	MUSCLE	48	Spectinomycin	1	0.0960	0.0960	0.0960	1
SULFONAMIDES(2)	LIVER	120	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	179	Tetracycline screen	1				
TETRACYCLINES(1)	KIDNEY	179	Oxytetracycline	1	0.3490	0.3490	0.3490	
TETRACYCLINES(1)	MUSCLE	23	Tetracycline screen					
THYREOSTATICA	LIVER	110	Thyreostats Screen	18				
THYREOSTATICA	LIVER	110	Thiouracil	18	0.0085	0.0050	0.0180	18
THYREOSTATICA	KIDNEY	1	Thyreostats Screen					
TRANQUILIZER	LIVER	65	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	32	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	270	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	KIDNEY	1	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	126	Virginiamycin M					
ZERANOL / STILBENES	LIVER	172	Zeranol/Stilbenes Screen					

DEER

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	10	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	11	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	12	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	5	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	1	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	4	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	8	STOP Screen	1				
B-AGONISTS	LIVER	11	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	6	Benzimidazole Screen					
CARBADOX(1)	LIVER	4	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	4	Carbadox Screen					
CEFTIOFUR	MUSCLE	3	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	4	Chloramphenicol					
CLOPIDOL	MUSCLE	5	Clopidol					
DECOQUINATE	MUSCLE	6	Decoquinate					
DEXAMETHAZONE	LIVER	4	Dexamethasone					
DEXAMETHAZONE	MUSCLE	4	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	3	Dimetridazole					
DIPYRONE	MUSCLE	10	Dipyrone Screen					
ENDECTOCIDES	LIVER	10	Endectocides Screen					

DEER

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
FLUNIXIN	MUSCLE	10	Flunixin					
FLUOROQUINOLONES	MUSCLE	10	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	2	Furazolidone Metabolite					
GESTAGENS	FAT	7	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	3	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	4	Glycosides Screen					
HALOFUGINONE	LIVER	6	Halofuginone					
IONOPHORES	LIVER	2	Ionophore Screen					
MACROLIDES	LIVER	6	Macrolides Screen					
MACROLIDES	KIDNEY	2	Macrolides Screen					
MACROLIDES(2)	KIDNEY	2	Macrolides Screen					
NICARBAZIN	MUSCLE	3	Nicarbazin					
NITROFURANS	LIVER	9	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	3	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	1	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	5	Penicillin G					
PHENICOLS(1)	LIVER	3	Phenicol Screen					
PHENICOLS(1)	KIDNEY	3	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	9	Phenylbutazone					
RONIDAZOLE	MUSCLE	1	Ronidazole					
SPECTINOMYCIN	MUSCLE	3	Spectinomycin					
SULFONAMIDES(2)	LIVER	10	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	4	Tetracycline screen					
TETRACYCLINES(1)	MUSCLE	3	Tetracycline screen					
THYREOSTATICA	LIVER	8	Thyreostats Screen	1				
THYREOSTATICA	LIVER	8	Thiouracil	1	0.0090	0.0090	0.0090	1
TRANQUILIZER	LIVER	4	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	8	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	10	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	4	Virginiamycin M					
ZERANOL / STILBENES	LIVER	10	Zeranol/Stilbenes Screen					

DUCK

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	77	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	69	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	52	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	49	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	54	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	14	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	25	STOP Screen					
BACITRACIN	MUSCLE	27	Bacitracin A					

DUCK

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
BENZIMIDAZOLES	LIVER	63	Benzimidazole Screen					
BENZIMIDAZOLES	MUSCLE	11	Benzimidazole Screen					
CEFTIOFUR	MUSCLE	63	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	13	Chloramphenicol					
CLOPIDOL	LIVER	23	Clopidol					
CLOPIDOL	MUSCLE	65	Clopidol					
DECOQUINATE	MUSCLE	78	Decoquinate					
DEXAMETHAZONE	LIVER	38	Dexamethasone					
DEXAMETHAZONE	MUSCLE	3	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	19	Dimetridazole					
ENDECTOCIDES	LIVER	41	Endectocides Screen					
FLUOROQUINOLONES	MUSCLE	46	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	4	Furazolidone Metabolite					
GESTAGENS	FAT	3	Gestagens Screen					
GLYCOSIDES(3)	MUSCLE	37	Glycosides Screen					
HALOFUGINONE	LIVER	82	Halofuginone					
IONOPHORES	LIVER	36	Ionophore Screen	1				
IONOPHORES	LIVER	36	Monensin	1	0.0004	0.0004	0.0004	
IONOPHORES	LIVER	36	Salinomycin	1	0.0004	0.0004	0.0004	
IONOPHORES	MUSCLE	8	Ionophore Screen					
MACROLIDES	LIVER	35	Macrolides Screen					
MACROLIDES	MUSCLE	9	Macrolides Screen					
MACROLIDES(1)	MUSCLE	7	Macrolides Screen					
MACROLIDES(2)	MUSCLE	1	Macrolides Screen					
NICARBAZIN	MUSCLE	64	Nicarbazin					
NITROFURANS	LIVER	49	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	63	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	1	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	41	Penicillin G					
PHENICOLS(1)	LIVER	46	Phenicol Screen					
PHENICOLS(1)	MUSCLE	14	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	48	Phenylbutazone					
SULFONAMIDES(2)	LIVER	90	Sulfa screen	1				
SULFONAMIDES(2)	LIVER	90	Sulfadiazine	1	0.3940	0.3940	0.3940	1
TETRACYCLINES(1)	MUSCLE	50	Tetracycline screen					
VIRGINIAMYCIN	MUSCLE	26	Virginiamycin M					

ELK

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	9	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	7	Chlorinated Phenol Screen	1				
CHLORINATED PHENOLS	LIVER	7	Pentachlorophenol	1	0.0410	0.0410	0.0410	
PESTICIDES-M	FAT	16	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	8	Synthetic Pyrethrin Screen					

ELK

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	6	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	8	STOP Screen					
B-AGONISTS	LIVER	10	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	7	Benzimidazole Screen					
CARBADOX(1)	LIVER	8	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	8	Carbadox Screen					
CEFTIOFUR	MUSCLE	8	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	2	Chloramphenicol					
CLOPIDOL	MUSCLE	4	Clopidol					
DECOQUINATE	MUSCLE	7	Decoquinate					
DEXAMETHAZONE	LIVER	5	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	1	Dimetridazole					
DIPYRONE	MUSCLE	7	Dipyrone Screen					
ENDECTOCIDES	LIVER	14	Endectocides Screen					
FLUNIXIN	MUSCLE	7	Flunixin					
FLUOROQUINOLONES	MUSCLE	7	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	2	Furazolidone Metabolite					
GESTAGENS	FAT	8	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	3	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	2	Glycosides Screen					
HALOFUGINONE	LIVER	3	Halofuginone					
IONOPHORES	LIVER	8	Ionophore Screen					
IONOPHORES	MUSCLE	3	Ionophore Screen					
MACROLIDES	LIVER	4	Macrolides Screen					
MACROLIDES	KIDNEY	4	Macrolides Screen					
NICARBAZIN	MUSCLE	6	Nicarbazin					
NITROFURANS	LIVER	8	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	6	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	1	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	3	Penicillin G					
PHENICOLS(1)	LIVER	5	Phenicol Screen					
PHENICOLS(1)	KIDNEY	2	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	7	Phenylbutazone					
RONIDAZOLE	MUSCLE	2	Ronidazole					
SULFONAMIDES(2)	LIVER	9	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	7	Tetracycline screen					
TETRACYCLINES(1)	MUSCLE	3	Tetracycline screen					
THYREOSTATICA	LIVER	12	Thyreostats Screen	1				
THYREOSTATICA	LIVER	12	Thiouracil	1	0.0070	0.0070	0.0070	1
TRANQUILIZER	LIVER	4	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	5	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	8	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	3	Virginiamycin M					
ZERANOL / STILBENES	LIVER	14	Zeranol/Stilbenes Screen					

EMU

EMU

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CHLORAMPHENICOL(1)	MUSCLE	1	Chloramphenicol					
DIPYRONE	MUSCLE	1	Dipyrone Screen					
IONOPHORES	MUSCLE	1	Ionophore Screen					
NICARBAZIN	MUSCLE	1	Nicarbazin					

FOWL

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	109	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	135	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	46	Pesticide Screen	2				
PESTICIDES-M	FAT	46	p,p'-DDE	2	0.0065	0.0050	0.0080	
SYNTHETIC PYRETHRINS	FAT	62	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	49	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	51	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	33	STOP Screen					
BACITRACIN	MUSCLE	37	Bacitracin A					
BENZIMIDAZOLES	LIVER	62	Benzimidazole Screen					
BENZIMIDAZOLES	MUSCLE	43	Benzimidazole Screen					
CARBADOX(2)	MUSCLE	8	Carbadox Screen					
CEFTIOFUR	MUSCLE	100	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	35	Chloramphenicol					
CLOPIDOL	LIVER	58	Clopidol					
CLOPIDOL	MUSCLE	61	Clopidol					
DECOQUINATE	MUSCLE	103	Decoquinate					
DEXAMETHAZONE	LIVER	34	Dexamethasone					
DEXAMETHAZONE	MUSCLE	4	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	45	Dimetridazole					
DIPYRONE	MUSCLE	9	Dipyrone Screen					
ENDECTOCIDES	LIVER	41	Endectocides Screen					
FLUNIXIN	MUSCLE	9	Flunixin					
FLUOROQUINOLONES	MUSCLE	95	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	3	Furazolidone Metabolite					
GESTAGENS	FAT	1	Gestagens Screen					
GLYCOSIDES(3)	MUSCLE	68	Glycosides Screen					
HALOFUGINONE	LIVER	103	Halofuginone					
IONOPHORES	LIVER	60	Ionophore Screen	2				
IONOPHORES	LIVER	60	Monensin	1	0.0004	0.0004	0.0004	
IONOPHORES	LIVER	60	Salinomycin	1	0.0002	0.0002	0.0002	
IONOPHORES	MUSCLE	48	Ionophore Screen					
MACROLIDES	LIVER	15	Macrolides Screen					
MACROLIDES	MUSCLE	22	Macrolides Screen					
MACROLIDES(1)	MUSCLE	21	Macrolides Screen					

FOWL

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
MACROLIDES(2)	LIVER	30	Macrolides Screen					
MACROLIDES(2)	MUSCLE	5	Macrolides Screen					
MACROLIDES(3)	LIVER	27	Macrolides Screen					
NICARBAZIN	MUSCLE	91	Nicarbazin					
NITROFURANS	LIVER	59	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	63	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	2	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	97	Penicillin G					
PHENICOLS(1)	LIVER	42	Phenicol Screen					
PHENICOLS(1)	MUSCLE	29	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	66	Phenylbutazone					
RONIDAZOLE	MUSCLE	2	Ronidazole					
SULFONAMIDES(2)	LIVER	105	Sulfa screen					
TETRACYCLINES(1)	MUSCLE	84	Tetracycline screen					
THYREOSTATICA	LIVER	9	Thyreostats Screen					
VIRGINIAMYCIN	MUSCLE	32	Virginiamycin M					
ZERANOL / STILBENES	LIVER	9	Zeranol/Stilbenes Screen					

GAME BIRD

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	29	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	55	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	60	Pesticide Screen	1				
PESTICIDES-M	FAT	60	p,p'-DDE	1	0.0060	0.0060	0.0060	
SYNTHETIC PYRETHRINS	FAT	27	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	23	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	9	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	10	STOP Screen					
BACITRACIN	MUSCLE	58	Bacitracin A					
B-AGONISTS	LIVER	20	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	23	Benzimidazole Screen					
BENZIMIDAZOLES	MUSCLE	4	Benzimidazole Screen					
CEFTIOFUR	MUSCLE	31	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	7	Chloramphenicol					
CLOPIDOL	LIVER	19	Clopidol					
CLOPIDOL	MUSCLE	22	Clopidol	3	0.0790	0.0710	0.0860	3
DECOQUINATE	MUSCLE	26	Decoquinate					
DEXAMETHAZONE	MUSCLE	3	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	15	Dimetridazole					
ENDECTOCIDES	LIVER	30	Endectocides Screen					
FLUOROQUINOLONES	MUSCLE	32	Fluoroquinolone Screen					
GLYCOSIDES(3)	MUSCLE	52	Glycosides Screen					

GAME BIRD

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
HALOFUGINONE	LIVER	35	Halofuginone					
IONOPHORES	LIVER	24	Ionophore Screen	12				
IONOPHORES	LIVER	24	Lasalocid	4	0.1737	0.0004	0.6808	3
IONOPHORES	LIVER	24	Monensin	6	0.0015	0.0002	0.0033	4
IONOPHORES	LIVER	24	Salinomycin	5	0.0006	0.0001	0.0012	1
IONOPHORES	MUSCLE	11	Ionophore Screen	1				
IONOPHORES	MUSCLE	11	Narasin	1	0.0005	0.0005	0.0005	
MACROLIDES	LIVER	54	Macrolides Screen					
MACROLIDES	MUSCLE	8	Macrolides Screen					
MACROLIDES(1)	MUSCLE	9	Macrolides Screen					
MACROLIDES(2)	LIVER	7	Macrolides Screen					
MACROLIDES(2)	MUSCLE	2	Macrolides Screen					
MACROLIDES(3)	LIVER	13	Macrolides Screen					
NICARBAZIN	MUSCLE	44	Nicarbazin					
NITROFURANS	LIVER	59	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	24	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	26	Penicillin G					
PHENICOLS(1)	LIVER	57	Phenicol Screen					
PHENICOLS(1)	MUSCLE	16	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	4	Phenylbutazone					
SULFONAMIDES(2)	LIVER	43	Sulfa screen					
TETRACYCLINES(1)	MUSCLE	36	Tetracycline screen					
THYREOSTATICA	LIVER	21	Thyreostats Screen					
TRANQUILIZER	LIVER	20	Tranquilizers Screen					
VIRGINIAMYCIN	MUSCLE	50	Virginiamycin M					

GOAT

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	9	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	11	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	14	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	7	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	5	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	2	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	8	STOP Screen					
BACITRACIN	MUSCLE	3	Bacitracin A					
B-AGONISTS	LIVER	9	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	5	Benzimidazole Screen					
CARBADOX(1)	LIVER	5	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	5	Carbadox Screen					
CEFTIOFUR	MUSCLE	3	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	4	Chloramphenicol					

GOAT

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CLOPIDOL	MUSCLE	9	Clopidol					
DECOQUINATE	MUSCLE	8	Decoquinate					
DEXAMETHAZONE	LIVER	2	Dexamethasone					
DEXAMETHAZONE	MUSCLE	3	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	3	Dimetridazole					
DIPYRONE	MUSCLE	8	Dipyrone Screen					
ENDECTOCIDES	LIVER	12	Endectocides Screen					
FLUNIXIN	MUSCLE	9	Flunixin					
FLUOROQUINOLONES	MUSCLE	5	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	3	Furazolidone Metabolite					
GESTAGENS	FAT	7	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	1	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	3	Glycosides Screen					
HALOFUGINONE	LIVER	3	Halofuginone					
IONOPHORES	LIVER	5	Ionophore Screen					
IONOPHORES	MUSCLE	2	Ionophore Screen					
MACROLIDES	LIVER	5	Macrolides Screen					
MACROLIDES(1)	KIDNEY	4	Macrolides Screen					
NICARBAZIN	MUSCLE	4	Nicarbazin					
NITROFURANS	LIVER	5	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	6	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	2	Penicillin G					
PHENICOLS(1)	LIVER	3	Phenicol Screen					
PHENICOLS(1)	KIDNEY	1	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	9	Phenylbutazone					
RONIDAZOLE	MUSCLE	1	Ronidazole					
SPECTINOMYCIN	MUSCLE	3	Spectinomycin					
SULFONAMIDES(2)	LIVER	10	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	3	Tetracycline screen					
TETRACYCLINES(1)	MUSCLE	4	Tetracycline screen					
THYREOSTATICA	LIVER	9	Thyreostats Screen					
TRANQUILIZER	LIVER	5	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	5	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	12	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	2	Virginiamycin M					
ZERANOL / STILBENES	LIVER	6	Zeranol/Stilbenes Screen					

GOOSE

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	20	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	23	Chlorinated Phenol Screen	1				
CHLORINATED PHENOLS	LIVER	23	Pentachlorophenol	1	0.0310	0.0310	0.0310	
PESTICIDES-M	FAT	4	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	15	Synthetic Pyrethrin Screen					

GOOSE

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	17	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	3	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	8	STOP Screen					
BACITRACIN	MUSCLE	9	Bacitracin A					
BENZIMIDAZOLES	LIVER	17	Benzimidazole Screen					
BENZIMIDAZOLES	MUSCLE	3	Benzimidazole Screen					
CARBADOX(2)	MUSCLE	12	Carbadox Screen					
CEFTIOFUR	MUSCLE	19	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	4	Chloramphenicol					
CLOPIDOL	LIVER	4	Clopidol					
CLOPIDOL	MUSCLE	12	Clopidol					
DECOQUINATE	MUSCLE	19	Decoquinate					
DEXAMETHAZONE	LIVER	9	Dexamethasone					
DEXAMETHAZONE	MUSCLE	4	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	3	Dimetridazole					
ENDECTOCIDES	LIVER	9	Endectocides Screen					
FLUOROQUINOLONES	MUSCLE	20	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	2	Furazolidone Metabolite					
GESTAGENS	FAT	7	Gestagens Screen					
GLYCOSIDES(3)	MUSCLE	13	Glycosides Screen					
HALOFUGINONE	LIVER	15	Halofuginone					
IONOPHORES	LIVER	17	Ionophore Screen					
IONOPHORES	MUSCLE	2	Ionophore Screen					
MACROLIDES(1)	MUSCLE	4	Macrolides Screen					
NICARBAZIN	MUSCLE	13	Nicarbazin					
NITROFURANS	LIVER	5	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	17	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	1	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	10	Penicillin G					
PHENICOLS(1)	LIVER	11	Phenicol Screen					
PHENICOLS(1)	MUSCLE	1	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	15	Phenylbutazone					
RONIDAZOLE	MUSCLE	3	Ronidazole					
SULFONAMIDES(2)	LIVER	13	Sulfa screen					
TETRACYCLINES(1)	MUSCLE	12	Tetracycline screen					
THYREOSTATICA	LIVER	9	Thyreostats Screen					
TRENBOLONE ACETATE	LIVER	10	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	10	Virginiamycin M					
ZERANOL / STILBENES	LIVER	11	Zeranol/Stilbenes Screen					

Hormone Free Cattle

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
B-AGONISTS	EYES	1	B-Agonists Screen					
GESTAGENS	FAT	1	Gestagens Screen					
NATURAL HORMONES	URINE	21	Natural hormones Screen					

Hormone Free Cattle

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
THYREOSTATICA	LIVER	1	Thyreostats Screen					
TRENBOLONE ACETATE	LIVER	1	Trenbolone Acetate Screen					
TRENBOLONE ACETATE	URINE	21	Anabolic Steroid Screen					
ZERANOL / STILBENES	LIVER	1	Zeranol/Stilbenes Screen					
ZERANOL / STILBENES	URINE	21	Zeranol/Stilbenes Screen					

HORSE

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	76	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	277	Chlorinated Phenol Screen	51				
CHLORINATED PHENOLS	LIVER	277	Pentachlorophenol	51	0.1333	0.0040	2.1710	14
PESTICIDES-M	FAT	209	Pesticide Screen	2				
PESTICIDES-M	FAT	209	p,p'-DDE	2	0.5355	0.3100	0.7610	
SYNTHETIC PYRETHRINS	FAT	63	Synthetic Pyrethrin Screen	1				
SYNTHETIC PYRETHRINS	FAT	63	Permethrin	1	0.0460	0.0460	0.0460	

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	59	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	20	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	127	STOP Screen	1				
BACITRACIN	MUSCLE	152	Bacitracin A					
B-AGONISTS	LIVER	44	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	84	Benzimidazole Screen					
CARBADOX(1)	LIVER	47	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	51	Carbadox Screen					
CEFTIOFUR	MUSCLE	71	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	8	Chloramphenicol					
DECOQUINATE	MUSCLE	83	Decoquinate					
DEXAMETHAZONE	LIVER	156	Dexamethasone					
DEXAMETHAZONE	MUSCLE	31	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	11	Dimetridazole					
DIPYRONE	MUSCLE	79	Dipyrone Screen					
ENDECTOCIDES	LIVER	115	Endectocides Screen	4				
ENDECTOCIDES	LIVER	115	Ivermectin	2	0.0086	0.0037	0.0135	2
ENDECTOCIDES	LIVER	115	Moxidectin	2	0.0035	0.0030	0.0040	2
FLUNIXIN	MUSCLE	226	Flunixin					
FLUOROQUINOLONES	MUSCLE	212	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	5	Furazolidone Metabolite					
GESTAGENS	FAT	79	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	150	Glycosides Screen	3				
GLYCOSIDES(3)	KIDNEY	150	Gentamycin	3	0.8633	0.1020	2.1810	3
GLYCOSIDES(3)	MUSCLE	17	Glycosides Screen					
HALOFUGINONE	LIVER	92	Halofuginone					
IONOPHORES	LIVER	87	Ionophore Screen	2				

HORSE

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
IONOPHORES	LIVER	87	Lasalocid	1	0.0005	0.0005	0.0005	
IONOPHORES	LIVER	87	Monensin	1	0.0059	0.0059	0.0059	1
IONOPHORES	MUSCLE	19	Ionophore Screen	1				
IONOPHORES	MUSCLE	19	Monensin	1	0.0005	0.0005	0.0005	
MACROLIDES	LIVER	144	Macrolides Screen					
MACROLIDES	KIDNEY	2	Macrolides Screen					
MACROLIDES(1)	KIDNEY	16	Macrolides Screen					
MACROLIDES(2)	KIDNEY	7	Macrolides Screen					
NITROFURANS	LIVER	147	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	254	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	9	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	156	Penicillin G	1	0.0026	0.0026	0.0026	
PHENICOLS(1)	LIVER	186	Phenicol Screen					
PHENICOLS(1)	KIDNEY	25	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	102	Phenylbutazone					
RONIDAZOLE	MUSCLE	1	Ronidazole					
SPECTINOMYCIN	MUSCLE	18	Spectinomycin					
SULFONAMIDES(2)	LIVER	80	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	98	Tetracycline screen					
TETRACYCLINES(1)	MUSCLE	13	Tetracycline screen					
THYREOSTATICA	LIVER	74	Thyreostats Screen					
TRANQUILIZER	LIVER	59	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	37	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	286	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	131	Virginiamycin M					
ZERANOL / STILBENES	LIVER	101	Zeranol/Stilbenes Screen					

MUTTON

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	118	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	168	Chlorinated Phenol Screen	5				
CHLORINATED PHENOLS	LIVER	168	Pentachlorophenol	5	0.1474	0.0130	0.2540	3
PESTICIDES-M	FAT	133	Pesticide Screen	2				
PESTICIDES-M	FAT	133	p,p'-DDE	2	0.0280	0.0070	0.0490	
SYNTHETIC PYRETHRINS	FAT	112	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	90	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	24	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	115	STOP Screen	1				
BACITRACIN	MUSCLE	139	Bacitracin A					
B-AGONISTS	LIVER	94	B-Agonists Screen	1				
B-AGONISTS	LIVER	94	Ractopamine	1	0.0010	0.0010	0.0010	1
BENZIMIDAZOLES	LIVER	139	Benzimidazole Screen	5				

MUTTON

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
BENZIMIDAZOLES	LIVER	139	Fenbendazole	3	0.0079	0.0020	0.0123	2
BENZIMIDAZOLES	LIVER	139	Oxfendazole	5	0.0063	0.0010	0.0094	4
CARBADOX(1)	LIVER	59	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	63	Carbadox Screen					
CEFTIOFUR	MUSCLE	146	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	34	Chloramphenicol					
CLOPIDOL	MUSCLE	1	Clopidol					
DECOQUINATE	MUSCLE	144	Decoquinate					
DEXAMETHAZONE	LIVER	144	Dexamethasone					
DEXAMETHAZONE	MUSCLE	30	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	51	Dimetridazole					
DIPYRONE	MUSCLE	130	Dipyrone Screen					
ENDECTOCIDES	LIVER	178	Endectocides Screen					
FLUNIXIN	MUSCLE	217	Flunixin					
FLUOROQUINOLONES	MUSCLE	222	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	7	Furazolidone Metabolite					
GESTAGENS	FAT	246	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	129	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	39	Glycosides Screen					
HALOFUGINONE	LIVER	78	Halofuginone					
IONOPHORES	LIVER	83	Ionophore Screen	24				
IONOPHORES	LIVER	83	Lasalocid	8	0.0030	0.0006	0.0126	6
IONOPHORES	LIVER	83	Monensin	15	0.0080	0.0002	0.0277	11
IONOPHORES	LIVER	83	Narasin	2	0.0010	0.0004	0.0016	1
IONOPHORES	LIVER	83	Salinomycin	4	0.0022	0.0002	0.0042	2
IONOPHORES	MUSCLE	63	Ionophore Screen					
MACROLIDES	LIVER	117	Macrolides Screen					
MACROLIDES	KIDNEY	9	Macrolides Screen					
MACROLIDES(1)	KIDNEY	24	Macrolides Screen					
MACROLIDES(2)	LIVER	95	Macrolides Screen					
MACROLIDES(2)	KIDNEY	20	Macrolides Screen					
MACROLIDES(3)	LIVER	87	Macrolides Screen	1				
MACROLIDES(3)	LIVER	87	Erythromycin	1	0.0013	0.0013	0.0013	
MACROLIDES(3)	LIVER	87	Lincomycin	1	0.0027	0.0027	0.0027	
NICARBAZIN	MUSCLE	55	Nicarbazin					
NITROFURANS	LIVER	203	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	223	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	15	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	74	Penicillin G					
PHENICOLS(1)	LIVER	151	Phenicol Screen					
PHENICOLS(1)	KIDNEY	42	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	119	Phenylbutazone					
RONIDAZOLE	MUSCLE	19	Ronidazole					
SPECTINOMYCIN	MUSCLE	26	Spectinomycin					
SULFONAMIDES(2)	LIVER	166	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	92	Tetracycline screen	2				
TETRACYCLINES(1)	KIDNEY	92	Oxytetracycline	2	0.0840	0.0660	0.1020	

MUTTON

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
TETRACYCLINES(1)	MUSCLE	35	Tetracycline screen					
THYREOSTATICA	LIVER	105	Thyreostats Screen	47				
THYREOSTATICA	LIVER	105	Thiouracil	47	0.0131	0.0050	0.0329	47
TRANQUILIZER	LIVER	72	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	33	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	320	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	126	Virginiamycin M					
ZERANOL / STILBENES	LIVER	147	Zeranol/Stilbenes Screen					

OSTRICH

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	18	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	27	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	26	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	17	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	20	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	2	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	3	STOP Screen					
BACITRACIN	MUSCLE	13	Bacitracin A					
B-AGONISTS	LIVER	11	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	15	Benzimidazole Screen					
BENZIMIDAZOLES	MUSCLE	2	Benzimidazole Screen					
CEFTIOFUR	MUSCLE	15	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	3	Chloramphenicol					
CLOPIDOL	LIVER	6	Clopidol					
CLOPIDOL	MUSCLE	16	Clopidol					
DECOQUINATE	MUSCLE	14	Decoquinate					
DEXAMETHAZONE	LIVER	10	Dexamethasone					
DEXAMETHAZONE	MUSCLE	6	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	6	Dimetridazole					
DIPYRONE	MUSCLE	23	Dipyrone Screen					
ENDECTOCIDES	LIVER	23	Endectocides Screen					
FLUOROQUINOLONES	MUSCLE	22	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	3	Furazolidone Metabolite					
GLYCOSIDES(3)	MUSCLE	15	Glycosides Screen					
HALOFUGINONE	LIVER	22	Halofuginone					
IONOPHORES	LIVER	20	Ionophore Screen					
IONOPHORES	MUSCLE	3	Ionophore Screen					
MACROLIDES	LIVER	20	Macrolides Screen					
MACROLIDES	MUSCLE	2	Macrolides Screen					
MACROLIDES(1)	MUSCLE	4	Macrolides Screen					
NICARBAZIN	MUSCLE	22	Nicarbazin					

OSTRICH

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
NITROFURANS	LIVER	13	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	20	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	3	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	13	Penicillin G					
PHENICOLS(1)	LIVER	12	Phenicol Screen					
PHENICOLS(1)	MUSCLE	3	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	21	Phenylbutazone					
RONIDAZOLE	MUSCLE	1	Ronidazole					
SULFONAMIDES(2)	LIVER	19	Sulfa screen					
TETRACYCLINES(1)	MUSCLE	20	Tetracycline screen					
THYREOSTATICA	LIVER	13	Thyreostats Screen					
TRANQUILIZER	LIVER	13	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	7	Tranquilizers Screen					
VIRGINIAMYCIN	MUSCLE	10	Virginiamycin M					

PIGLET

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	125	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	119	Chlorinated Phenol Screen	3				
CHLORINATED PHENOLS	LIVER	119	Pentachlorophenol	3	0.0477	0.0250	0.0840	
PESTICIDES-M	FAT	18	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	24	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	31	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	78	STOP Screen					
BACITRACIN	MUSCLE	78	Bacitracin A					
B-AGONISTS	LIVER	75	B-Agonists Screen	5				
B-AGONISTS	LIVER	75	Ractopamine	5	0.0089	0.0004	0.0281	
BENZIMIDAZOLES	LIVER	125	Benzimidazole Screen					
CARBADOX(1)	LIVER	54	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	103	Carbadox Screen					
CARBADOX(2)	MUSCLE	103	Desoxycarbadox					
CEFTIOFUR	KIDNEY	35	Ceftiofur					
CEFTIOFUR	MUSCLE	27	Ceftiofur					
CLOPIDOL	MUSCLE	31	Clopidol					
DECOQUINATE	MUSCLE	26	Decoquinate					
DEXAMETHAZONE	LIVER	73	Dexamethasone					
DIPYRONE	MUSCLE	28	Dipyrone Screen					
ENDECTOCIDES	LIVER	171	Endectocides Screen					
FLUNIXIN	MUSCLE	31	Flunixin					
FLUOROQUINOLONES	KIDNEY	38	Fluoroquinolone Screen					
FLUOROQUINOLONES	MUSCLE	126	Fluoroquinolone Screen					
GESTAGENS	FAT	2	Gestagens Screen					

PIGLET

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
GLYCOSIDES(3)	KIDNEY	63	Glycosides Screen	4				
GLYCOSIDES(3)	KIDNEY	63	Apramycin	1	0.0350	0.0350	0.0350	
GLYCOSIDES(3)	KIDNEY	63	Spectinomycin	3	0.1043	0.0500	0.1600	2
HALOFUGINONE	LIVER	26	Halofuginone					
IONOPHORES	LIVER	33	Ionophore Screen	3				
IONOPHORES	LIVER	33	Monensin	2	0.0004	0.0002	0.0007	
IONOPHORES	LIVER	33	Salinomycin	1	0.0004	0.0004	0.0004	
MACROLIDES	LIVER	34	Macrolides Screen	6				
MACROLIDES	LIVER	34	Lincomycin	3	0.0150	0.0100	0.0190	
MACROLIDES	LIVER	34	Tilmicosin	1	0.0110	0.0110	0.0110	
MACROLIDES	LIVER	34	Tylosin	2	0.0180	0.0160	0.0200	
MACROLIDES(1)	KIDNEY	47	Macrolides Screen					
MACROLIDES(2)	LIVER	44	Macrolides Screen	7				
MACROLIDES(2)	LIVER	44	Tylosin	7	0.0018	0.0010	0.0033	
MACROLIDES(3)	LIVER	47	Macrolides Screen	16				
MACROLIDES(3)	LIVER	47	Lincomycin	13	0.0059	0.0012	0.0295	
MACROLIDES(3)	LIVER	47	Tilmicosin	1	0.0154	0.0154	0.0154	
MACROLIDES(3)	LIVER	47	Tylosin	4	0.0031	0.0009	0.0060	
NICARBAZIN	MUSCLE	24	Nicarbazin					
NITROFURANS	LIVER	75	Nitrofurans Screen					
NITROFURANS	MUSCLE	44	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	127	Dinitroimidazole Screen					
PENICILLINS(1)	KIDNEY	52	Penicillin G					
PENICILLINS(1)	MUSCLE	93	Penicillin G					
PHENICOLS(1)	LIVER	93	Phenicol Screen					
PHENICOLS(1)	KIDNEY	45	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	31	Phenylbutazone					
SULFONAMIDES(2)	LIVER	123	Sulfa screen	1				
SULFONAMIDES(2)	LIVER	123	Sulfamethazine	1	0.8110	0.8110	0.8110	1
SULFONAMIDES(2)	KIDNEY	47	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	169	Tetracycline screen	21				
TETRACYCLINES(1)	KIDNEY	169	Chlortetracycline	21	0.1683	0.0530	0.4380	
THYREOSTATICA	LIVER	22	Thyreostats Screen					
TRANQUILIZER	LIVER	34	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	42	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	33	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	68	Virginiamycin M					
ZERANOL / STILBENES	LIVER	20	Zeranol/Stilbenes Screen					

PORK

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	144	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	271	Chlorinated Phenol Screen	4				
CHLORINATED PHENOLS	LIVER	271	Pentachlorophenol	4	0.1470	0.0120	0.4960	1
PESTICIDES-M	FAT	177	Pesticide Screen	2				

PORK

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
PESTICIDES-M	FAT	177	p,p'-DDE	2	0.0105	0.0050	0.0160	
SYNTHETIC PYRETHRINS	FAT	95	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	93	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	25	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	175	STOP Screen					
BACITRACIN	MUSCLE	149	Bacitracin A					
B-AGONISTS	LIVER	419	B-Agonists Screen	104				
B-AGONISTS	LIVER	419	Ractopamine	104	0.0045	0.0002	0.0297	
BENZIMIDAZOLES	LIVER	130	Benzimidazole Screen	2				
BENZIMIDAZOLES	LIVER	130	Fenbendazole	2	0.0060	0.0030	0.0090	
CARBADOX(1)	LIVER	212	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	462	Carbadox Screen					
CARBADOX(2)	MUSCLE	462	Desoxycarbadox					
CEFTIOFUR	KIDNEY	219	Ceftiofur					
CEFTIOFUR	MUSCLE	167	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	39	Chloramphenicol					
DECOQUINATE	MUSCLE	132	Decoquinate					
DEXAMETHAZONE	LIVER	248	Dexamethasone					
DEXAMETHAZONE	MUSCLE	38	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	44	Dimetridazole					
DIPYRONE	MUSCLE	123	Dipyrone Screen					
ENDECTOCIDES	LIVER	553	Endectocides Screen	1				
ENDECTOCIDES	LIVER	553	Ivermectin	1	0.0080	0.0080	0.0080	
FLUNIXIN	MUSCLE	271	Flunixin					
FLUOROQUINOLONES	KIDNEY	221	Fluoroquinolone Screen					
FLUOROQUINOLONES	MUSCLE	277	Fluoroquinolone Screen					
GESTAGENS	FAT	221	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	65	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	57	Glycosides Screen					
HALOFUGINONE	LIVER	96	Halofuginone					
IONOPHORES	LIVER	175	Ionophore Screen	16				
IONOPHORES	LIVER	175	Lasalocid	1	0.0005	0.0005	0.0005	
IONOPHORES	LIVER	175	Monensin	4	0.0062	0.0002	0.0150	3
IONOPHORES	LIVER	175	Narasin	1	0.0003	0.0003	0.0003	
IONOPHORES	LIVER	175	Salinomycin	11	0.0023	0.0001	0.0080	
IONOPHORES	MUSCLE	54	Ionophore Screen					
MACROLIDES	LIVER	125	Macrolides Screen	6				
MACROLIDES	LIVER	125	Lincomycin	6	0.0277	0.0063	0.0960	
MACROLIDES	KIDNEY	30	Macrolides Screen	1				
MACROLIDES	KIDNEY	30	Lincomycin	1	0.0270	0.0270	0.0270	1
MACROLIDES(1)	KIDNEY	263	Macrolides Screen	2				
MACROLIDES(1)	KIDNEY	263	Tilmicosin	1	0.0510	0.0510	0.0510	1
MACROLIDES(1)	KIDNEY	263	Tylosin	1	0.0185	0.0185	0.0185	
MACROLIDES(2)	LIVER	158	Macrolides Screen	6				

PORK

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
MACROLIDES(2)	LIVER	158	Tilmicosin	1	0.0022	0.0022	0.0022	
MACROLIDES(2)	LIVER	158	Tylosin	6	0.0020	0.0013	0.0026	
MACROLIDES(3)	LIVER	132	Macrolides Screen	25				
MACROLIDES(3)	LIVER	132	Lincomycin	20	0.0136	0.0011	0.0554	
MACROLIDES(3)	LIVER	132	Tilmicosin	1	0.0041	0.0041	0.0041	
MACROLIDES(3)	LIVER	132	Tylosin	4	0.0033	0.0007	0.0100	
NICARBAZIN	MUSCLE	1	Nicarbazin					
NITROFURANS	LIVER	223	Nitrofurans Screen					
NITROFURANS	MUSCLE	222	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	401	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	13	Dinitroimidazole Screen					
PENICILLINS(1)	KIDNEY	250	Penicillin G	2	0.0260	0.0230	0.0290	
PENICILLINS(1)	MUSCLE	300	Penicillin G					
PHENICOLS(1)	LIVER	166	Phenicol Screen					
PHENICOLS(1)	KIDNEY	279	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	139	Phenylbutazone					
RONIDAZOLE	MUSCLE	9	Ronidazole					
SPECTINOMYCIN	MUSCLE	34	Spectinomycin					
SULFONAMIDES(2)	LIVER	306	Sulfa screen	2				
SULFONAMIDES(2)	LIVER	306	Sulfamethazine	2	0.0610	0.0440	0.0780	
SULFONAMIDES(2)	KIDNEY	233	Sulfa screen	3				
SULFONAMIDES(2)	KIDNEY	233	Sulfamethazine	3	0.0467	0.0290	0.0710	
TETRACYCLINES(1)	KIDNEY	464	Tetracycline screen	21				
TETRACYCLINES(1)	KIDNEY	464	Chlortetracycline	18	0.1205	0.0510	0.1830	
TETRACYCLINES(1)	KIDNEY	464	Oxytetracycline	2	0.1000	0.0700	0.1300	
TETRACYCLINES(1)	KIDNEY	464	Tetracycline	1	0.0590	0.0590	0.0590	
TETRACYCLINES(1)	MUSCLE	50	Tetracycline screen					
THYREOSTATICA	LIVER	135	Thyreostats Screen	1				
THYREOSTATICA	LIVER	135	Thiouracil	1	0.0056	0.0056	0.0056	1
TRANQUILIZER	LIVER	76	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	131	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	291	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	128	Virginiamycin M					
ZERANOL / STILBENES	LIVER	100	Zeranol/Stilbenes Screen					

RABBIT

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	21	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	27	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	17	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	28	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	14	Anthelmintic Screen					

RABBIT

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTIBIOTIC-STOP	KIDNEY	5	STOP Screen	2				
BACITRACIN	MUSCLE	12	Bacitracin A					
B-AGONISTS	LIVER	12	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	22	Benzimidazole Screen					
CARBADOX(2)	MUSCLE	17	Carbadox Screen					
CEFTIOFUR	MUSCLE	28	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	4	Chloramphenicol					
CLOPIDOL	MUSCLE	18	Clopidol					
DECOQUINATE	MUSCLE	20	Decoquinate					
DEXAMETHAZONE	LIVER	12	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	6	Dimetridazole					
DIPYRONE	MUSCLE	9	Dipyrone Screen					
ENDECTOCIDES	LIVER	29	Endectocides Screen					
FLUNIXIN	MUSCLE	16	Flunixin					
FLUOROQUINOLONES	MUSCLE	30	Fluoroquinolone Screen					
GESTAGENS	FAT	17	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	5	Glycosides Screen					
GLYCOSIDES(3)	MUSCLE	6	Glycosides Screen					
HALOFUGINONE	LIVER	19	Halofuginone					
IONOPHORES	LIVER	25	Ionophore Screen	14				
IONOPHORES	LIVER	25	Lasalocid	1	0.0005	0.0005	0.0005	
IONOPHORES	LIVER	25	Monensin	5	0.0012	0.0001	0.0042	2
IONOPHORES	LIVER	25	Narasin	2	0.0003	0.0002	0.0004	
IONOPHORES	LIVER	25	Salinomycin	9	0.0152	0.0002	0.1323	1
IONOPHORES	MUSCLE	2	Ionophore Screen					
MACROLIDES	LIVER	15	Macrolides Screen	1				
MACROLIDES	LIVER	15	Tylosin	1	0.0150	0.0150	0.0150	1
MACROLIDES(2)	LIVER	11	Macrolides Screen					
MACROLIDES(2)	KIDNEY	2	Macrolides Screen					
MACROLIDES(3)	LIVER	10	Macrolides Screen					
NITROFURANS	LIVER	23	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	14	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	16	Penicillin G					
PHENICOLS(1)	LIVER	20	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	19	Phenylbutazone					
RONIDAZOLE	MUSCLE	2	Ronidazole					
SULFONAMIDES(2)	LIVER	23	Sulfa screen					
TETRACYCLINES(1)	KIDNEY	8	Tetracycline screen					
TETRACYCLINES(1)	MUSCLE	3	Tetracycline screen					
THYREOSTATICA	LIVER	15	Thyreostats Screen	1				
THYREOSTATICA	LIVER	15	Thiouracil	1	0.0084	0.0084	0.0084	1
TRANQUILIZER	KIDNEY	1	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	37	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	8	Virginiamycin M					
ZERANOL / STILBENES	LIVER	23	Zeranol/Stilbenes Screen					

SOW

SOW

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	87	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	182	Chlorinated Phenol Screen	11				
CHLORINATED PHENOLS	LIVER	182	Pentachlorophenol	11	0.1280	0.0028	0.7990	4
PESTICIDES-M	FAT	125	Pesticide Screen	3				
PESTICIDES-M	FAT	125	p,p'-DDE	3	0.0147	0.0080	0.0250	
SYNTHETIC PYRETHRINS	FAT	59	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	58	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	23	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	116	STOP Screen	1				
BACITRACIN	MUSCLE	109	Bacitracin A					
B-AGONISTS	LIVER	108	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	90	Benzimidazole Screen	3				
BENZIMIDAZOLES	LIVER	90	Fenbendazole	3	0.0528	0.0062	0.1444	
BENZIMIDAZOLES	LIVER	90	Oxfendazole	1	0.0032	0.0032	0.0032	1
CARBADOX(1)	LIVER	98	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	180	Carbadox Screen					
CEFTIOFUR	MUSCLE	61	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	17	Chloramphenicol					
CLOPIDOL	MUSCLE	48	Clopidol					
DECOQUINATE	MUSCLE	97	Decoquinate					
DEXAMETHAZONE	LIVER	115	Dexamethasone					
DEXAMETHAZONE	MUSCLE	34	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	24	Dimetridazole					
DIPYRONE	MUSCLE	97	Dipyrone Screen					
ENDECTOCIDES	LIVER	188	Endectocides Screen	4				
ENDECTOCIDES	LIVER	188	Ivermectin	4	0.0060	0.0026	0.0080	
FLUNIXIN	MUSCLE	237	Flunixin					
FLUOROQUINOLONES	MUSCLE	167	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	7	Furazolidone Metabolite					
GESTAGENS	FAT	197	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	105	Glycosides Screen	3				
GLYCOSIDES(3)	KIDNEY	105	Apramycin	2	0.0245	0.0150	0.0340	
GLYCOSIDES(3)	KIDNEY	105	Gentamycin	1	0.0220	0.0220	0.0220	
GLYCOSIDES(3)	KIDNEY	105	Neomycin	1	0.1180	0.1180	0.1180	
GLYCOSIDES(3)	MUSCLE	19	Glycosides Screen					
HALOFUGINONE	LIVER	50	Halofuginone					
IONOPHORES	LIVER	148	Ionophore Screen	6				
IONOPHORES	LIVER	148	Monensin	4	0.0017	0.0002	0.0045	2
IONOPHORES	LIVER	148	Narasin	2	0.0003	0.0002	0.0004	
IONOPHORES	LIVER	148	Salinomycin	2	0.0009	0.0004	0.0014	
IONOPHORES	MUSCLE	28	Ionophore Screen					
MACROLIDES	LIVER	95	Macrolides Screen	2				
MACROLIDES	LIVER	95	Lincomycin	2	0.0895	0.0460	0.1330	
MACROLIDES	KIDNEY	17	Macrolides Screen					

SOW

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
MACROLIDES(2)	KIDNEY	10	Macrolides Screen					
NICARBAZIN	MUSCLE	66	Nicarbazin					
NITROFURANS	LIVER	139	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	192	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	121	Penicillin G	1	0.0011	0.0011	0.0011	
PHENICOLS(1)	LIVER	147	Phenicol Screen	1				
PHENICOLS(1)	LIVER	147	Florfenicol	1	0.0038	0.0038	0.0038	
PHENICOLS(1)	KIDNEY	25	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	119	Phenylbutazone					
RONIDAZOLE	MUSCLE	5	Ronidazole					
SPECTINOMYCIN	MUSCLE	31	Spectinomycin					
SULFONAMIDES(2)	LIVER	176	Sulfa screen	3				
SULFONAMIDES(2)	LIVER	176	Sulfamethazine	3	0.0470	0.0140	0.0980	
TETRACYCLINES(1)	KIDNEY	146	Tetracycline screen	1				
TETRACYCLINES(1)	KIDNEY	146	Chlortetracycline	1	0.1060	0.1060	0.1060	
TETRACYCLINES(1)	MUSCLE	23	Tetracycline screen					
THYREOSTATICA	LIVER	84	Thyreostats Screen					
TRANQUILIZER	LIVER	46	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	49	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	217	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	93	Virginiamycin M					
ZERANOL / STILBENES	LIVER	146	Zeranol/Stilbenes Screen					

TURKEY

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	116	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	265	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	135	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	95	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	62	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	58	Anthelmintic Screen					
ANTIBIOTIC-STOP	MUSCLE	27	STOP Screen					
BACITRACIN	MUSCLE	147	Bacitracin A					
B-AGONISTS	LIVER	25	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	62	Benzimidazole Screen					
BENZIMIDAZOLES	MUSCLE	43	Benzimidazole Screen					
CEFTIOFUR	MUSCLE	129	Ceftiofur					
CHLORAMPHENICOL(1)	MUSCLE	36	Chloramphenicol					
CLOPIDOL	LIVER	85	Clopidol					
CLOPIDOL	MUSCLE	71	Clopidol					
DECOQUINATE	MUSCLE	101	Decoquinate					
DEXAMETHAZONE	LIVER	22	Dexamethasone					

TURKEY

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
DEXAMETHAZONE	MUSCLE	15	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	61	Dimetridazole					
DIPYRONE	MUSCLE	58	Dipyrone Screen					
ENDECTOCIDES	LIVER	64	Endectocides Screen					
FLUOROQUINOLONES	MUSCLE	212	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	2	Furazolidone Metabolite					
GESTAGENS	FAT	1	Gestagens Screen					
GLYCOSIDES(3)	MUSCLE	151	Glycosides Screen					
HALOFUGINONE	LIVER	101	Halofuginone					
IONOPHORES	LIVER	80	Ionophore Screen	15				
IONOPHORES	LIVER	80	Lasalocid	5	0.0028	0.0005	0.0053	3
IONOPHORES	LIVER	80	Monensin	8	0.0007	0.0002	0.0023	3
IONOPHORES	LIVER	80	Narasin	3	0.0003	0.0001	0.0004	
IONOPHORES	LIVER	80	Salinomycin	2	0.0005	0.0003	0.0007	
IONOPHORES	MUSCLE	68	Ionophore Screen					
MACROLIDES	LIVER	89	Macrolides Screen					
MACROLIDES	MUSCLE	14	Macrolides Screen					
MACROLIDES(1)	MUSCLE	39	Macrolides Screen					
MACROLIDES(2)	LIVER	27	Macrolides Screen					
MACROLIDES(2)	MUSCLE	15	Macrolides Screen					
MACROLIDES(3)	LIVER	37	Macrolides Screen					
NICARBAZIN	MUSCLE	120	Nicarbazin					
NITROFURANS	LIVER	149	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	221	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	6	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	119	Penicillin G					
PHENICOLS(1)	LIVER	156	Phenicol Screen					
PHENICOLS(1)	MUSCLE	66	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	16	Phenylbutazone					
RONIDAZOLE	MUSCLE	3	Ronidazole					
SULFONAMIDES(2)	LIVER	177	Sulfa screen					
TETRACYCLINES(1)	MUSCLE	104	Tetracycline screen					
THYREOSTATICA	LIVER	45	Thyreostats Screen	1				
THYREOSTATICA	LIVER	45	Phenylthiouracil	1	0.0050	0.0050	0.0050	
TRANQUILIZER	LIVER	57	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	59	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	130	Virginiamycin M					
ZERANOL / STILBENES	LIVER	45	Zeranol/Stilbenes Screen					

VEAL

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	135	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	182	Chlorinated Phenol Screen	3				
CHLORINATED PHENOLS	LIVER	182	Pentachlorophenol	3	0.3347	0.0550	0.7270	2
PESTICIDES-M	FAT	152	Pesticide Screen	2				

VEAL

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
PESTICIDES-M	FAT	152	Hexachlorobenzene	2	0.0185	0.0140	0.0230	
SYNTHETIC PYRETHRINS	FAT	80	Synthetic Pyrethrin Screen	2				
SYNTHETIC PYRETHRINS	FAT	80	Permethrin	2	0.0460	0.0250	0.0670	

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	70	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	31	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	163	STOP Screen	1				
BACITRACIN	MUSCLE	144	Bacitracin A					
B-AGONISTS	LIVER	103	B-Agonists Screen	1				
B-AGONISTS	LIVER	103	Ractopamine	1	0.0002	0.0002	0.0002	
B-AGONISTS	EYES	182	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	124	Benzimidazole Screen	1				
BENZIMIDAZOLES	LIVER	124	Fenbendazole	1	0.0020	0.0020	0.0020	
CARBADOX(1)	LIVER	71	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	73	Carbadox Screen					
CEFTIOFUR	KIDNEY	164	Ceftiofur					
CEFTIOFUR	MUSCLE	152	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	39	Chloramphenicol					
CLOPIDOL	MUSCLE	76	Clopidol					
DECOQUINATE	MUSCLE	120	Decoquinate					
DEXAMETHAZONE	LIVER	152	Dexamethasone					
DEXAMETHAZONE	MUSCLE	39	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	44	Dimetridazole					
DIPYRONE	MUSCLE	158	Dipyrone Screen					
DIPYRONE	INJ.SITE	15	Dipyrone Screen					
ENDECTOCIDES	LIVER	439	Endectocides Screen	12				
ENDECTOCIDES	LIVER	439	Doramectin	8	0.0023	0.0019	0.0033	
ENDECTOCIDES	LIVER	439	Ivermectin	4	0.0113	0.0030	0.0210	
FLUNIXIN	MUSCLE	236	Flunixin					
FLUOROQUINOLONES	KIDNEY	179	Fluoroquinolone Screen	1				
FLUOROQUINOLONES	KIDNEY	179	Ciprofloxacin	1	0.0052	0.0052	0.0052	1
FLUOROQUINOLONES	MUSCLE	134	Fluoroquinolone Screen	1				
FLUOROQUINOLONES	MUSCLE	134	Ciprofloxacin	1	0.0026	0.0026	0.0026	
FURAZOLIDONE	LIVER	11	Furazolidone Metabolite					
GESTAGENS	FAT	470	Gestagens Screen	1				
GESTAGENS	FAT	470	Melengestrol Acetate	1	0.0073	0.0073	0.0073	
GLYCOSIDES(3)	KIDNEY	141	Glycosides Screen	42				
GLYCOSIDES(3)	KIDNEY	141	Apramycin	1	0.0740	0.0740	0.0740	
GLYCOSIDES(3)	KIDNEY	141	Dihydrostreptomycin	1	0.0610	0.0610	0.0610	
GLYCOSIDES(3)	KIDNEY	141	Neomycin	41	0.3706	0.0530	1.1010	
GLYCOSIDES(3)	MUSCLE	63	Glycosides Screen					
HALOFUGINONE	LIVER	251	Halofuginone					
IONOPHORES	LIVER	93	Ionophore Screen	22				
IONOPHORES	LIVER	93	Lasalocid	3	0.1101	0.0054	0.3079	
IONOPHORES	LIVER	93	Monensin	18	0.0083	0.0013	0.0199	

VEAL

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
IONOPHORES	LIVER	93	Narasin	1	0.0005	0.0005	0.0005	
IONOPHORES	LIVER	93	Salinomycin	4	0.0060	0.0001	0.0235	
IONOPHORES	MUSCLE	69	Ionophore Screen	2				
IONOPHORES	MUSCLE	69	Monensin	2	0.0005	0.0002	0.0008	
MACROLIDES	LIVER	52	Macrolides Screen	1				
MACROLIDES	LIVER	52	Tilmicosin	1	0.0066	0.0066	0.0066	
MACROLIDES	KIDNEY	40	Macrolides Screen					
MACROLIDES(1)	KIDNEY	191	Macrolides Screen					
MACROLIDES(2)	LIVER	102	Macrolides Screen					
MACROLIDES(2)	KIDNEY	9	Macrolides Screen					
MACROLIDES(3)	LIVER	98	Macrolides Screen	2				
MACROLIDES(3)	LIVER	98	Tilmicosin	2	0.0558	0.0028	0.1088	
NATURAL HORMONES	INJ.SITE	59	Natural hormones Screen					
NICARBAZIN	MUSCLE	86	Nicarbazin					
NITROFURANS	LIVER	192	Nitrofurans Screen					
NITROFURANS	MUSCLE	175	Nitrofurans Screen					
NITROIMIDAZOLES	LIVER	251	Dinitroimidazole Screen					
NITROIMIDAZOLES	MUSCLE	14	Dinitroimidazole Screen					
PENICILLINS(1)	KIDNEY	182	Penicillin G					
PENICILLINS(1)	MUSCLE	163	Penicillin G					
PHENICOLS(1)	LIVER	189	Phenicol Screen					
PHENICOLS(1)	KIDNEY	229	Phenicol Screen					
PHENYLBUTAZONE	KIDNEY	1	Phenylbutazone					
PHENYLBUTAZONE	MUSCLE	202	Phenylbutazone	4	3.8114	0.0033	15.1000	3
PHENYLBUTAZONE	INJ.SITE	57	Phenylbutazone					
RONIDAZOLE	MUSCLE	19	Ronidazole					
SPECTINOMYCIN	MUSCLE	36	Spectinomycin	1	0.0560	0.0560	0.0560	1
SULFONAMIDES(2)	LIVER	159	Sulfa screen					
SULFONAMIDES(2)	KIDNEY	179	Sulfa screen	1				
SULFONAMIDES(2)	KIDNEY	179	Sulfamethazine	1	0.3400	0.3400	0.3400	1
SULFONAMIDES(2)	KIDNEY	179	Sulfathiazole	1	0.4300	0.4300	0.4300	1
TETRACYCLINES(1)	KIDNEY	293	Tetracycline screen	46				
TETRACYCLINES(1)	KIDNEY	293	Doxycycline	1	0.3480	0.3480	0.3480	1
TETRACYCLINES(1)	KIDNEY	293	Oxytetracycline	20	0.1418	0.0240	1.3880	1
TETRACYCLINES(1)	KIDNEY	293	Tetracycline	28	0.1411	0.0230	0.7330	
TETRACYCLINES(1)	MUSCLE	39	Tetracycline screen	1				
TETRACYCLINES(1)	MUSCLE	39	Oxytetracycline	1	0.0330	0.0330	0.0330	
THYREOSTATICA	LIVER	270	Thyreostats Screen	25				
THYREOSTATICA	LIVER	270	Thiouracil	25	0.0103	0.0050	0.0440	25
TRANQUILIZER	LIVER	4	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	515	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	130	Virginiamycin M					
ZERANOL / STILBENES	LIVER	288	Zeranol/Stilbenes Screen					

WILD BOAR

WILD BOAR

Agricultural Chemical

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
CARBAMATES	LIVER	1	Carbamates Screen					
CHLORINATED PHENOLS	LIVER	3	Chlorinated Phenol Screen					
PESTICIDES-M	FAT	4	Pesticide Screen					
SYNTHETIC PYRETHRINS	FAT	3	Synthetic Pyrethrin Screen					

Veterinary Drug

Program	Tissue	No. Tested	Residue Test	No. a Positive	Mean	Min	Max	Violations
ANTHELMINTIC	LIVER	2	Anthelmintic Screen					
ANTHELMINTIC	MUSCLE	1	Anthelmintic Screen					
ANTIBIOTIC-STOP	KIDNEY	2	STOP Screen					
B-AGONISTS	LIVER	2	B-Agonists Screen					
BENZIMIDAZOLES	LIVER	2	Benzimidazole Screen					
CARBADOX(1)	LIVER	2	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	MUSCLE	1	Carbadox Screen					
CEFTIOFUR	MUSCLE	2	Ceftiofur					
CHLORAMPHENICOL(1)	KIDNEY	1	Chloramphenicol					
CLOPIDOL	MUSCLE	2	Clopidol					
DECOQUINATE	MUSCLE	3	Decoquinate					
DEXAMETHAZONE	LIVER	1	Dexamethasone					
DEXAMETHAZONE	MUSCLE	1	Dexamethasone					
DIMETRIDAZOLE	MUSCLE	1	Dimetridazole					
DIPYRONE	MUSCLE	2	Dipyrone Screen					
ENDECTOCIDES	LIVER	2	Endectocides Screen					
FLUNIXIN	MUSCLE	2	Flunixin					
FLUOROQUINOLONES	MUSCLE	3	Fluoroquinolone Screen					
FURAZOLIDONE	LIVER	1	Furazolidone Metabolite					
GESTAGENS	FAT	1	Gestagens Screen					
GLYCOSIDES(3)	KIDNEY	1	Glycosides Screen					
HALOFUGINONE	LIVER	3	Halofuginone					
IONOPHORES	LIVER	1	Ionophore Screen					
MACROLIDES	LIVER	2	Macrolides Screen					
MACROLIDES	KIDNEY	1	Macrolides Screen					
NITROIMIDAZOLES	LIVER	2	Dinitroimidazole Screen					
PENICILLINS(1)	MUSCLE	2	Penicillin G					
PHENICOLS(1)	LIVER	1	Phenicol Screen					
PHENYLBUTAZONE	MUSCLE	2	Phenylbutazone					
RONIDAZOLE	MUSCLE	1	Ronidazole					
SPECTINOMYCIN	MUSCLE	1	Spectinomycin					
SULFONAMIDES(2)	LIVER	4	Sulfa screen					
THYREOSTATICA	LIVER	3	Thyreostats Screen					
TRANQUILIZER	LIVER	1	Tranquilizers Screen					
TRANQUILIZER	KIDNEY	2	Tranquilizers Screen					
TRENBOLONE ACETATE	LIVER	3	Trenbolone Acetate Screen					
VIRGINIAMYCIN	MUSCLE	1	Virginiamycin M					
ZERANOL / STILBENES	LIVER	2	Zeranol/Stilbenes Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Summary of Metal and Element Prevalence in Domestic Meat & Poultry Products

Metal Found	No. Tests	No. Found	Mean	Min	Max	Violations[1]	Above Average[2]
Aluminum	1402	700	0.3341	0.1000	25.2000		
Arsenic	1402	448	0.0839	0.0020	5.8800		12
Boron	1402	513	0.4266	0.0030	2.0000		3
Cadmium	1402	189	0.0554	0.0020	0.4700		18
Chromium	1402	652	0.5072	0.0100	42.9000		4
Copper	1402	1338	1.6052	0.1300	19.4000		2
Iron	1402	1402	23.3493	0.9480	364.0000		17
Lead	1402	102	0.0179	0.0010	0.3800		
Manganese	1402	1364	0.2539	0.0330	23.7000		92
Mercury	924	0					
Nickel	1402	163	0.1792	0.0020	4.2700		9
Selenium	1402	1402	0.3708	0.0250	27.5000		17
Tin	1402	152	0.0520	0.0200	0.8020		
Titanium	1402	1108	0.3269	0.0300	4.5300		3
Zinc	1402	1402	30.7437	3.0000	86.2700		32
All Metals and Elements	20552	10935					209

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Metals and Element Prevalence in Domestic Meat & Poultry Products

BEEF							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	194	98	0.2150	0.1020	1.4000		
Arsenic	194	59	0.0892	0.0050	1.7200		4
Boron	194	48	0.3690	0.1160	0.8000		1
Cadmium	194	11	0.0520	0.0028	0.1600		1
Chromium	194	95	0.9559	0.0110	22.0000		2
Copper	194	193	2.0172	0.6300	12.0000		
Iron	194	194	33.3063	0.9480	70.4000		
Lead	194	8	0.0099	0.0024	0.0300		
Manganese	194	194	0.4541	0.0400	13.1000		21
Mercury	129	0					
Nickel	194	26	0.2757	0.0100	1.4300		3
Selenium	194	194	0.3740	0.0350	8.8800		5
Tin	194	15	0.0318	0.0210	0.0550		
Titanium	194	148	0.3093	0.0300	3.0000		1
Zinc	194	194	41.5049	3.1000	86.2700		4
All Metals and Elements	2845	1477					42

BISON							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	82	40	0.4160	0.1000	1.7200		
Arsenic	82	29	0.0178	0.0053	0.0500		
Boron	82	37	0.3867	0.0030	1.3000		
Cadmium	82	10	0.0498	0.0029	0.1800		3
Chromium	82	37	0.1633	0.0160	2.7700		
Copper	82	82	1.9398	1.0360	4.0300		
Iron	82	82	38.4185	22.9100	85.6000		3
Lead	82	8	0.0153	0.0020	0.0320		
Manganese	82	82	0.1867	0.0840	0.4300		5
Mercury	52	0					
Nickel	82	13	0.0698	0.0100	0.2300		
Selenium	82	82	0.2475	0.0920	0.9600		
Tin	82	8	0.0703	0.0220	0.2000		
Titanium	82	72	0.3079	0.0380	1.4900		
Zinc	82	82	39.4776	15.2400	63.3000		1
All Metals and Elements	1200	664					12

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CHICKEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	90	42	0.2299	0.1010	0.8000		
Arsenic	90	41	0.0171	0.0054	0.0687		
Boron	90	57	0.3251	0.1020	1.3000		
Cadmium	90	3	0.0502	0.0045	0.1300		1
Chromium	90	41	0.0997	0.0130	0.8000		
Copper	90	80	0.3858	0.1460	3.7000		
Iron	90	90	3.9096	1.3000	28.2000		1
Lead	90	4	0.0170	0.0070	0.0300		
Manganese	90	89	0.0984	0.0500	0.2200		
Mercury	62	0					
Nickel	90	10	0.0843	0.0110	0.3200		
Selenium	90	90	0.2690	0.1300	0.6300		
Tin	90	12	0.0985	0.0210	0.6780		
Titanium	90	75	0.2885	0.0300	1.0000		
Zinc	90	90	6.4996	3.2100	39.4900		
All Metals and Elements	1322	724					2

COW							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	76	38	0.2686	0.1000	1.4900		
Arsenic	76	20	0.0242	0.0056	0.1900		1
Boron	76	36	0.3445	0.1130	1.5000		
Cadmium	76	9	0.0213	0.0020	0.1500		
Chromium	76	40	0.0901	0.0120	1.2300		
Copper	76	75	1.5998	0.1300	3.2750		
Iron	76	76	34.4174	3.0210	69.4200		
Lead	76	4	0.0098	0.0020	0.0220		
Manganese	76	76	0.1761	0.0600	0.3600		1
Mercury	43	0					
Nickel	76	9	0.0496	0.0020	0.1600		
Selenium	76	76	0.2205	0.0400	1.0800		1
Tin	76	7	0.0410	0.0230	0.0840		
Titanium	76	59	0.2370	0.0300	1.3000		
Zinc	76	76	41.2341	3.8730	72.1000		3
All Metals and Elements	1107	601					6

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

DEER							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	3	0.5667	0.2000	0.9000		
Arsenic	7	3	0.0333	0.0100	0.0500		
Boron	7	5	0.5240	0.2200	1.2000		
Cadmium	7	2	0.0135	0.0100	0.0170		
Chromium	7	6	0.2087	0.0500	0.8900		
Copper	7	7	2.0629	0.6800	3.9500		
Iron	7	7	37.3414	7.4000	69.0000		
Lead	7	1	0.0050	0.0050	0.0050		
Manganese	7	7	0.2943	0.0700	0.6100		2
Nickel	7	1	0.0530	0.0530	0.0530		
Selenium	7	7	0.2299	0.0390	0.4400		
Tin	7	0					
Titanium	7	3	0.4767	0.0500	1.2900		
Zinc	7	7	37.9700	25.5300	54.0000		
All Metals and Elements	98	59					2

DUCK							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	46	27	0.2746	0.1010	1.9000		
Arsenic	46	13	0.0133	0.0058	0.0400		
Boron	46	13	0.5001	0.2000	1.0000		
Cadmium	46	0					
Chromium	46	24	0.0655	0.0100	0.4100		
Copper	46	45	3.8724	1.5000	8.9100		
Iron	46	46	27.6687	10.6000	60.6000		
Lead	46	0					
Manganese	46	46	0.2132	0.1280	0.7000		3
Mercury	31	0					
Nickel	46	2	0.0485	0.0290	0.0680		
Selenium	46	46	0.3901	0.1300	0.9600		
Tin	46	4	0.0570	0.0240	0.1070		
Titanium	46	34	0.2943	0.0700	0.4800		
Zinc	46	46	17.2931	6.5490	52.0000		
All Metals and Elements	675	346					3

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ELK							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	3	0.8600	0.4000	1.4800		
Arsenic	10	3	0.0100	0.0100	0.0100		
Boron	10	9	0.4833	0.2000	0.7000		
Cadmium	10	1	0.0360	0.0360	0.0360		
Chromium	10	10	0.1390	0.0300	0.4500		
Copper	10	10	2.5020	1.6000	6.0300		
Iron	10	10	51.8700	34.6000	88.0000		2
Lead	10	1	0.0100	0.0100	0.0100		
Manganese	10	10	0.2760	0.1300	0.5700		3
Nickel	10	1	0.0580	0.0580	0.0580		
Selenium	10	10	0.2590	0.1300	0.4400		
Tin	10	0					
Titanium	10	4	0.1050	0.0300	0.2100		
Zinc	10	10	49.9840	35.1800	73.0000		1
All Metals and Elements	140	82					6

FOWL							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	44	12	2.2995	0.1270	25.2000		
Arsenic	44	5	0.0340	0.0100	0.0800		
Boron	44	10	0.6466	0.1660	1.8000		
Cadmium	44	0					
Chromium	44	18	0.0449	0.0120	0.1100		
Copper	44	36	0.3869	0.2250	0.6000		
Iron	44	44	4.3886	2.3000	8.2230		
Lead	44	2	0.0424	0.0047	0.0800		
Manganese	44	41	0.0930	0.0520	0.2040		
Mercury	32	0					
Nickel	44	4	0.0303	0.0120	0.0600		
Selenium	44	44	0.2645	0.1100	0.6060		
Tin	44	10	0.0311	0.0200	0.0460		
Titanium	44	37	0.4587	0.0500	2.9560		
Zinc	44	44	4.7995	3.1600	7.6970		
All Metals and Elements	648	307					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GAME BIRD							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	15	7	1.1027	0.1120	5.0000		
Arsenic	15	8	0.0197	0.0071	0.0400		
Boron	15	9	0.2820	0.1130	0.5000		
Cadmium	15	2	0.0817	0.0034	0.1600		
Chromium	15	7	0.0999	0.0160	0.3800		
Copper	15	14	1.5525	0.9330	2.8700		
Iron	15	15	21.1473	5.1000	41.8000		
Lead	15	3	0.0206	0.0089	0.0330		
Manganese	15	15	0.2142	0.1000	0.2900		
Mercury	9	0					
Nickel	15	6	0.0580	0.0110	0.1700		
Selenium	15	15	0.3900	0.2700	0.8200		
Tin	15	2	0.0735	0.0250	0.1220		
Titanium	15	10	0.4941	0.3020	0.7800		
Zinc	15	15	6.8629	5.0500	11.4000		
All Metals and Elements	219	128					

GOAT							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	4	0.7800	0.3000	1.6000		
Arsenic	7	3	0.0200	0.0100	0.0400		
Boron	7	4	0.4450	0.2000	1.0000		
Cadmium	7	1	0.0380	0.0380	0.0380		
Chromium	7	7	0.0957	0.0200	0.1900		
Copper	7	7	2.3200	0.5500	5.5600		
Iron	7	7	36.9771	12.0000	71.1000		
Lead	7	2	0.0100	0.0100	0.0100		
Manganese	7	7	0.2429	0.0700	0.6400		1
Nickel	7	3	0.0360	0.0200	0.0480		
Selenium	7	7	0.2650	0.0350	0.7000		
Tin	7	0					
Titanium	7	3	0.4633	0.0400	1.1400		
Zinc	7	7	41.7343	19.9000	60.8000		1
All Metals and Elements	98	62					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GOOSE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	17	8	0.1816	0.1040	0.3960		
Arsenic	17	1	0.0111	0.0111	0.0111		
Boron	17	2	0.1245	0.1180	0.1310		
Cadmium	17	1	0.0062	0.0062	0.0062		
Chromium	17	2	0.0155	0.0110	0.0200		
Copper	17	17	2.7552	1.2330	4.2320		
Iron	17	17	30.4500	17.7900	49.5900		
Lead	17	1	0.0047	0.0047	0.0047		
Manganese	17	17	0.2159	0.1520	0.3460		1
Mercury	17	0					
Nickel	17	1	0.1530	0.1530	0.1530		
Selenium	17	17	0.3679	0.1610	0.5410		
Tin	17	5	0.2522	0.0260	0.8020		
Titanium	17	17	0.2922	0.2480	0.3270		
Zinc	17	17	18.8309	8.0160	34.5100		
All Metals and Elements	255	123					1

HORSE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	109	64	0.4374	0.1040	2.1600		
Arsenic	109	31	0.3950	0.0055	5.8800		3
Boron	109	51	0.4858	0.1050	2.0000		
Cadmium	109	100	0.0740	0.0052	0.4700		9
Chromium	109	38	2.5410	0.0110	42.9000		
Copper	109	107	2.4521	0.2900	11.3000		
Iron	109	109	55.9498	4.0780	364.0000		9
Lead	109	15	0.0529	0.0024	0.3800		
Manganese	109	109	0.4236	0.0900	8.7200		30
Mercury	79	0					
Nickel	109	13	0.6568	0.0110	4.2700		3
Selenium	109	109	0.6956	0.0250	27.5000		3
Tin	109	11	0.0425	0.0210	0.2000		
Titanium	109	96	0.3815	0.0400	3.0200		
Zinc	109	109	42.3843	3.3700	85.7000		10
All Metals and Elements	1605	962					67

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MUTTON							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	102	62	0.3358	0.1010	1.7500		
Arsenic	102	34	0.0165	0.0050	0.0444		
Boron	102	29	0.4588	0.1000	1.3000		
Cadmium	102	11	0.0155	0.0021	0.0330		
Chromium	102	54	0.0961	0.0120	0.9900		
Copper	102	102	1.9332	0.4640	17.5900		
Iron	102	102	20.0174	4.3330	56.0000		
Lead	102	12	0.0094	0.0040	0.0130		
Manganese	102	102	0.1843	0.0520	0.6460		7
Mercury	67	0					
Nickel	102	12	0.0482	0.0110	0.1200		
Selenium	102	102	0.1979	0.0600	0.8220		
Tin	102	6	0.0353	0.0210	0.0660		
Titanium	102	82	0.3318	0.0300	1.6000		
Zinc	102	102	31.4145	6.6300	80.9000		1
All Metals and Elements	1495	812					8

OSTRICH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	21	12	0.3083	0.2000	0.4000		
Arsenic	21	10	0.5110	0.0100	4.7500		1
Boron	21	20	0.9850	0.4000	2.0000		1
Cadmium	21	9	0.0278	0.0100	0.1300		1
Chromium	21	17	1.6571	0.0400	26.8000		
Copper	21	21	2.2338	0.7600	14.8000		2
Iron	21	21	39.1238	20.1000	117.1000		1
Lead	21	1	0.0400	0.0400	0.0400		
Manganese	21	19	1.1700	0.0500	19.1000		3
Nickel	21	3	0.7733	0.0500	1.9900		1
Selenium	21	21	1.6010	0.0700	24.0000		2
Tin	21	0					
Titanium	21	5	1.3160	0.1100	4.5200		1
Zinc	21	21	42.9219	5.7200	72.0000		1
All Metals and Elements	294	180					14

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PIGLET							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	25	17	0.2716	0.1050	1.0300		
Arsenic	25	13	0.0442	0.0053	0.4000		
Boron	25	8	0.4846	0.1190	1.7000		
Cadmium	25	2	0.0260	0.0140	0.0380		
Chromium	25	10	0.4164	0.0280	3.4800		
Copper	25	23	1.4080	0.3580	3.9020		
Iron	25	25	13.8631	4.3440	34.6000		
Lead	25	4	0.0057	0.0031	0.0090		
Manganese	25	25	0.1784	0.0460	0.5900		1
Mercury	20	0					
Nickel	25	3	0.0453	0.0260	0.0700		
Selenium	25	25	0.3431	0.1250	2.1200		1
Tin	25	3	0.0280	0.0230	0.0380		
Titanium	25	22	0.3375	0.2400	1.1100		
Zinc	25	25	22.7863	4.6000	32.0100		
All Metals and Elements	370	205					2

PORK							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	178	74	0.2821	0.1030	1.2500		
Arsenic	178	47	0.0407	0.0052	1.1700		1
Boron	178	55	0.3843	0.1020	1.3000		
Cadmium	178	6	0.0624	0.0034	0.1500		2
Chromium	178	77	0.2190	0.0110	10.5000		
Copper	178	165	0.8572	0.3280	6.3900		
Iron	178	178	10.2938	3.4010	72.8000		
Lead	178	8	0.0186	0.0010	0.0700		
Manganese	178	170	0.1152	0.0400	1.8600		2
Mercury	119	0					
Nickel	178	12	0.1322	0.0100	0.6100		
Selenium	178	178	0.3807	0.1170	5.6300		2
Tin	178	19	0.0308	0.0200	0.1090		
Titanium	178	137	0.3104	0.0300	1.6000		
Zinc	178	178	23.5382	4.2000	75.0500		2
All Metals and Elements	2611	1304					9

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RABBIT							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	7	0.1740	0.1040	0.3000		
Arsenic	13	2	0.0079	0.0057	0.0100		
Boron	13	4	0.3810	0.1240	0.7000		
Cadmium	13	2	0.0031	0.0026	0.0035		
Chromium	13	5	0.1276	0.0250	0.3630		
Copper	13	9	0.3919	0.3100	0.5000		
Iron	13	13	4.8258	2.8800	6.6850		
Lead	13	0					
Manganese	13	10	0.0683	0.0330	0.1110		
Mercury	9	0					
Nickel	13	1	0.0200	0.0200	0.0200		
Selenium	13	13	0.2591	0.1790	0.3900		
Tin	13	1	0.0230	0.0230	0.0230		
Titanium	13	9	0.2950	0.2380	0.3670		
Zinc	13	13	12.6825	4.7860	26.1000		
All Metals and Elements	191	89					

SOW							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	152	82	0.2512	0.1000	1.6100		
Arsenic	152	40	0.1354	0.0020	4.8000		
Boron	152	29	0.4239	0.0890	1.3000		
Cadmium	152	10	0.0268	0.0022	0.1800		
Chromium	152	61	0.6181	0.0100	33.7000		1
Copper	152	143	1.0240	0.3880	19.4000		
Iron	152	152	16.5097	5.8690	53.6000		1
Lead	152	16	0.0102	0.0010	0.0700		
Manganese	152	136	0.2545	0.0430	23.7000		1
Mercury	114	0					
Nickel	152	21	0.1636	0.0040	2.5100		1
Selenium	152	152	0.4463	0.0900	25.3000		1
Tin	152	26	0.0394	0.0200	0.1040		
Titanium	152	126	0.3374	0.0500	4.5300		1
Zinc	152	152	41.7424	7.3500	75.9100		7
All Metals and Elements	2242	1146					13

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

TURKEY							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	90	37	0.2131	0.1010	0.7300		
Arsenic	90	51	0.0314	0.0051	0.8300		1
Boron	90	44	0.3288	0.1120	1.4000		
Cadmium	90	6	0.0136	0.0020	0.0464		
Chromium	90	35	0.2386	0.0110	6.1700		
Copper	90	79	0.5989	0.2290	3.1030		
Iron	90	90	6.9107	2.1000	51.1900		
Lead	90	4	0.0038	0.0022	0.0051		
Manganese	90	86	0.1311	0.0500	1.0200		2
Mercury	63	0					
Nickel	90	7	0.0617	0.0110	0.2600		
Selenium	90	90	0.3277	0.0780	3.9300		1
Tin	90	9	0.0419	0.0230	0.0800		
Titanium	90	67	0.3081	0.0800	1.0800		
Zinc	90	90	13.5193	3.0000	44.6200		
All Metals and Elements	1323	695					4

VEAL							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	120	61	0.2690	0.1010	2.4310		
Arsenic	120	34	0.0713	0.0030	1.9700		1
Boron	120	39	0.4466	0.0500	1.3000		1
Cadmium	120	3	0.0583	0.0100	0.1200		1
Chromium	120	64	0.3401	0.0100	17.4000		1
Copper	120	119	2.1089	0.3670	15.4000		
Iron	120	120	19.5827	4.3150	45.0700		
Lead	120	8	0.0047	0.0010	0.0200		
Manganese	120	119	0.2944	0.0520	11.9200		8
Mercury	78	0					
Nickel	120	15	0.1242	0.0090	1.2700		1
Selenium	120	120	0.2503	0.0500	10.5000		1
Tin	120	14	0.0483	0.0200	0.2030		
Titanium	120	100	0.3148	0.0390	2.3100		
Zinc	120	120	35.1669	4.1500	55.2000		1
All Metals and Elements	1758	936					15

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

WILD BOAR							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	2	0.3000	0.3000	0.3000		
Arsenic	4	1	0.0500	0.0500	0.0500		
Boron	4	4	0.7250	0.3000	1.3000		
Cadmium	4	0					
Chromium	4	4	0.0800	0.0400	0.1400		
Copper	4	4	1.8925	1.0200	2.5600		
Iron	4	4	32.9750	19.5000	39.2000		
Lead	4	0					
Manganese	4	4	0.2150	0.1300	0.3500		1
Nickel	4	0					
Selenium	4	4	0.4050	0.3600	0.4700		
Tin	4	0					
Titanium	4	2	0.4100	0.0700	0.7500		
Zinc	4	4	43.9675	32.8000	57.3000		
All Metals and Elements	56	33					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Directed Sampling of Suspect Import Meat & Poultry Products By Country & Specific Tests

HAM

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
SULFA PRETEST	FRANCE	1	Sulfamethazine					

PORK

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
SULFA PRETEST	UNITED STATES	1	Sulfamethazine					

PORK HEART

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
SULFA PRETEST	UNITED STATES	3	Sulfamethazine					

PORK TAIL

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
SULFA PRETEST	UNITED STATES	1	Sulfamethazine					

PORK TRIMMING

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
SULFA PRETEST	UNITED STATES	1	Sulfamethazine					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

BEEF

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-M	AUSTRALIA	3	Pesticide Screen					
PESTICIDES-M	NEW ZEALAND	6	Pesticide Screen					
PESTICIDES-M	UNITED STATES	53	Pesticide Screen					
PESTICIDES-M	URUGUAY	33	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ANTHELMINTIC	AUSTRALIA	2	Anthelmintic Screen					
ANTHELMINTIC	NEW ZEALAND	5	Anthelmintic Screen					
BACITRACIN	AUSTRALIA	24	Bacitracin A					
BACITRACIN	NEW ZEALAND	10	Bacitracin A					
BACITRACIN	UNITED STATES	7	Bacitracin A					
CARBADOX(2)	AUSTRALIA	25	Carbadox Screen					
CARBADOX(2)	NEW ZEALAND	8	Carbadox Screen					
CARBADOX(2)	UNITED STATES	5	Carbadox Screen					
CEFTIOFUR	AUSTRALIA	27	Ceftiofur					
CEFTIOFUR	NEW ZEALAND	14	Ceftiofur					
CEFTIOFUR	UNITED STATES	6	Ceftiofur					
CEFTIOFUR	URUGUAY	2	Ceftiofur					
CHLORAMPHENICOL(1)	NEW ZEALAND	1	Chloramphenicol					
CHLORAMPHENICOL(1)	UNITED STATES	3	Chloramphenicol					
CHLORAMPHENICOL(1)	URUGUAY	6	Chloramphenicol					
CLOPIDOL	AUSTRALIA	22	Clopidol					
CLOPIDOL	NEW ZEALAND	9	Clopidol					
CLOPIDOL	UNITED STATES	6	Clopidol					
DECOQUINATE	ARGENTINA	2	Decoquinate					
DECOQUINATE	AUSTRALIA	28	Decoquinate					
DECOQUINATE	NEW ZEALAND	30	Decoquinate					
DECOQUINATE	UNITED STATES	87	Decoquinate					
DECOQUINATE	URUGUAY	59	Decoquinate					
DEXAMETHAZONE	ARGENTINA	2	Dexamethasone					
DEXAMETHAZONE	AUSTRALIA	4	Dexamethasone					
DEXAMETHAZONE	NEW ZEALAND	24	Dexamethasone					
DEXAMETHAZONE	UNITED STATES	81	Dexamethasone					
DEXAMETHAZONE	URUGUAY	59	Dexamethasone					
DIMETRIDAZOLE	AUSTRALIA	3	Dimetridazole					
DIMETRIDAZOLE	NEW ZEALAND	3	Dimetridazole					
DIMETRIDAZOLE	UNITED STATES	1	Dimetridazole					
DIMETRIDAZOLE	URUGUAY	1	Dimetridazole					
DIPYRONE	AUSTRALIA	16	Dipyrone Screen					
DIPYRONE	NEW ZEALAND	4	Dipyrone Screen					
DIPYRONE	UNITED STATES	2	Dipyrone Screen					
ENDECTOCIDES	UNKNOWN	3	Endectocides Screen					

BEEF

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FLUNIXIN	ARGENTINA	1	Flunixin					
FLUNIXIN	AUSTRALIA	23	Flunixin					
FLUNIXIN	NEW ZEALAND	10	Flunixin					
FLUNIXIN	UNITED STATES	15	Flunixin					
FLUNIXIN	URUGUAY	4	Flunixin					
FLUOROQUINOLONES	ARGENTINA	2	Fluoroquinolone Screen					
FLUOROQUINOLONES	AUSTRALIA	27	Fluoroquinolone Screen					
FLUOROQUINOLONES	NEW ZEALAND	34	Fluoroquinolone Screen					
FLUOROQUINOLONES	UNITED STATES	86	Fluoroquinolone Screen					
FLUOROQUINOLONES	URUGUAY	59	Fluoroquinolone Screen					
GLYCOSIDES(3)	UNITED STATES	1	Glycosides Screen					
GLYCOSIDES(3)	URUGUAY	2	Glycosides Screen					
IONOPHORES	AUSTRALIA	1	Ionophore Screen					
IONOPHORES	NEW ZEALAND	2	Ionophore Screen					
IONOPHORES	UNITED STATES	5	Ionophore Screen					
IONOPHORES	URUGUAY	5	Ionophore Screen					
NICARBAZIN	ARGENTINA	1	Nicarbazin					
NICARBAZIN	AUSTRALIA	22	Nicarbazin					
NICARBAZIN	NEW ZEALAND	26	Nicarbazin					
NICARBAZIN	UNITED STATES	76	Nicarbazin					
NICARBAZIN	URUGUAY	55	Nicarbazin					
NITROIMIDAZOLES	ARGENTINA	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	AUSTRALIA	5	Dinitroimidazole Screen					
NITROIMIDAZOLES	NEW ZEALAND	23	Dinitroimidazole Screen					
NITROIMIDAZOLES	UNITED STATES	57	Dinitroimidazole Screen					
NITROIMIDAZOLES	URUGUAY	45	Dinitroimidazole Screen					
PENICILLINS(1)	AUSTRALIA	26	Penicillin G					
PENICILLINS(1)	NEW ZEALAND	14	Penicillin G					
PENICILLINS(1)	UNITED STATES	7	Penicillin G					
PENICILLINS(1)	URUGUAY	2	Penicillin G					
PHENICOLS(1)	ARGENTINA	1	Phenicol Screen					
PHENICOLS(1)	AUSTRALIA	1	Phenicol Screen					
PHENICOLS(1)	NEW ZEALAND	2	Phenicol Screen					
PHENICOLS(1)	UNITED STATES	20	Phenicol Screen					
PHENICOLS(1)	URUGUAY	6	Phenicol Screen					
PHENYLBUTAZONE	AUSTRALIA	24	Phenylbutazone					
PHENYLBUTAZONE	NEW ZEALAND	8	Phenylbutazone					
PHENYLBUTAZONE	UNITED STATES	4	Phenylbutazone					
RONIDAZOLE	AUSTRALIA	2	Ronidazole					
RONIDAZOLE	NEW ZEALAND	5	Ronidazole					
RONIDAZOLE	UNITED STATES	2	Ronidazole					
RONIDAZOLE	URUGUAY	1	Ronidazole					
SPECTINOMYCIN	URUGUAY	1	Spectinomycin					
TETRACYCLINES(1)	ARGENTINA	1	Tetracycline screen					
TETRACYCLINES(1)	AUSTRALIA	1	Tetracycline screen					
TETRACYCLINES(1)	NEW ZEALAND	1	Tetracycline screen					
TETRACYCLINES(1)	UNITED STATES	3	Tetracycline screen					
TETRACYCLINES(1)	URUGUAY	2	Tetracycline screen	1				

BEEF

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
TETRACYCLINES(1)	URUGUAY	2	Oxytetracycline	1	0.0320	0.0320	0.0320	
THYREOSTATICA	UNKNOWN	3	Thyreostats Screen					
TRANQUILIZER	ARGENTINA	1	Tranquilizers Screen					
TRANQUILIZER	AUSTRALIA	4	Tranquilizers Screen					
TRANQUILIZER	NEW ZEALAND	23	Tranquilizers Screen					
TRANQUILIZER	UNITED STATES	75	Tranquilizers Screen					
TRANQUILIZER	URUGUAY	56	Tranquilizers Screen					
TRENBOLONE ACETATE	UNKNOWN	3	Trenbolone Acetate Screen					
VIRGINIAMYCIN	AUSTRALIA	23	Virginiamycin M					
VIRGINIAMYCIN	NEW ZEALAND	9	Virginiamycin M					
VIRGINIAMYCIN	UNITED STATES	6	Virginiamycin M					
ZERANOL / STILBENES	UNKNOWN	3	Zeranol/Stilbenes Screen					

BEEF HEART

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BACITRACIN	UNITED STATES	3	Bacitracin A					
CARBADOX(1)	UNITED STATES	1	Quinoxaline-2-carboxylic acid					
CARBADOX(2)	UNITED STATES	3	Carbadox Screen					
CEFTIOFUR	UNITED STATES	3	Ceftiofur					
CLOPIDOL	UNITED STATES	4	Clopidol					
DECOQUINATE	UNITED STATES	4	Decoquinate					
DEXAMETHAZONE	UNITED STATES	1	Dexamethasone					
DIPYRONE	UNITED STATES	4	Dipyrone Screen					
FLUNIXIN	UNITED STATES	3	Flunixin					
FLUOROQUINOLONES	UNITED STATES	4	Fluoroquinolone Screen					
NICARBAZIN	UNITED STATES	3	Nicarbazin					
NITROIMIDAZOLES	UNITED STATES	1	Dinitroimidazole Screen					
PENICILLINS(1)	UNITED STATES	3	Penicillin G					
PHENYLBUTAZONE	UNITED STATES	3	Phenylbutazone					
TETRACYCLINES(1)	UNITED STATES	1	Tetracycline screen					
TRANQUILIZER	UNITED STATES	1	Tranquilizers Screen					
VIRGINIAMYCIN	UNITED STATES	2	Virginiamycin M					

BEEF, COOKED

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
DEXAMETHAZONE	ARGENTINA	11	Dexamethasone					
NITROIMIDAZOLES	ARGENTINA	4	Dinitroimidazole Screen					
RONIDAZOLE	ARGENTINA	7	Ronidazole					
TETRACYCLINES(1)	ARGENTINA	11	Tetracycline screen					

BEEF, TRIMMING

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
DECOQUINATE	AUSTRALIA	1	Decoquinate					
DECOQUINATE	NEW ZEALAND	2	Decoquinate					
DEXAMETHAZONE	AUSTRALIA	1	Dexamethasone					
DEXAMETHAZONE	NEW ZEALAND	2	Dexamethasone					
FLUOROQUINOLONES	AUSTRALIA	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	NEW ZEALAND	2	Fluoroquinolone Screen					
NICARBAZIN	AUSTRALIA	1	Nicarbazin					
NICARBAZIN	NEW ZEALAND	2	Nicarbazin					
NITROIMIDAZOLES	AUSTRALIA	1	Dinitroimidazole Screen					
NITROIMIDAZOLES	NEW ZEALAND	2	Dinitroimidazole Screen					
TRANQUILIZER	AUSTRALIA	1	Tranquilizers Screen					
TRANQUILIZER	NEW ZEALAND	2	Tranquilizers Screen					

BISON

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BACITRACIN	UNITED STATES	1	Bacitracin A					
CEFTIOFUR	UNITED STATES	1	Ceftiofur					
CLOPIDOL	UNITED STATES	1	Clopidol					
DECOQUINATE	UNITED STATES	1	Decoquinate					
FLUNIXIN	UNITED STATES	1	Flunixin					
FLUOROQUINOLONES	UNITED STATES	1	Fluoroquinolone Screen					
NICARBAZIN	UNITED STATES	1	Nicarbazin					
PENICILLINS(1)	UNITED STATES	2	Penicillin G					
PHENYLBUTAZONE	UNITED STATES	2	Phenylbutazone					
VIRGINIAMYCIN	UNITED STATES	1	Virginiamycin M					

CHICKEN

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENZIMIDAZOLES	UNITED STATES	10	Benzimidazole Screen	2				
BENZIMIDAZOLES	UNITED STATES	10	Fenbendazole	1	0.0020	0.0020	0.0020	
BENZIMIDAZOLES	UNITED STATES	10	Thiabendazole	1	0.0180	0.0180	0.0180	
CARBADOX(2)	UNITED STATES	3	Desoxycarbadox					
CEFTIOFUR	UNITED STATES	11	Ceftiofur					
CHLORAMPHENICOL(1)	UNITED STATES	2	Chloramphenicol					
CLOPIDOL	UNITED STATES	8	Clopidol					
DECOQUINATE	UNITED STATES	13	Decoquinate					
DIMETRIDAZOLE	UNITED STATES	1	Dimetridazole					
FLUOROQUINOLONES	BRAZIL	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	UNITED STATES	31	Fluoroquinolone Screen					

CHICKEN

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
GLYCOSIDES(3)	BRAZIL	1	Glycosides Screen					
GLYCOSIDES(3)	UNITED STATES	31	Glycosides Screen					
IONOPHORES	BRAZIL	1	Ionophore Screen					
IONOPHORES	UNITED STATES	31	Ionophore Screen	2				
IONOPHORES	UNITED STATES	31	Narasin	1	0.0007	0.0007	0.0007	
IONOPHORES	UNITED STATES	31	Salinomycin	1	0.0008	0.0008	0.0008	
NITROFURANS	BRAZIL	119	Nitrofurans Screen					
NITROFURANS	UNITED STATES	34	Nitrofurans Screen					
NITROFURANS	UNKNOWN	2	Nitrofurans Screen					
PHENICOLS(1)	BRAZIL	1	Phenicol Screen					
PHENICOLS(1)	UNITED STATES	37	Phenicol Screen					
TETRACYCLINES(1)	BRAZIL	1	Tetracycline screen					
TETRACYCLINES(1)	UNITED STATES	39	Tetracycline screen					

CHICKEN, COOKED

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CLOPIDOL	BRAZIL	1	Clopidol					
CLOPIDOL	THAILAND	2	Clopidol					
FLUOROQUINOLONES	BRAZIL	1	Fluoroquinolone Screen					
FLUOROQUINOLONES	THAILAND	2	Fluoroquinolone Screen					
GLYCOSIDES(3)	BRAZIL	1	Glycosides Screen					
GLYCOSIDES(3)	THAILAND	2	Glycosides Screen					
IONOPHORES	BRAZIL	1	Ionophore Screen					
IONOPHORES	THAILAND	2	Ionophore Screen					
PHENICOLS(1)	BRAZIL	1	Phenicol Screen					
PHENICOLS(1)	THAILAND	2	Phenicol Screen					
TETRACYCLINES(1)	BRAZIL	1	Tetracycline screen					
TETRACYCLINES(1)	THAILAND	2	Tetracycline screen					

DUCK

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BACITRACIN	UNKNOWN	1	Bacitracin A					
DECOQUINATE	UNKNOWN	1	Decoquinate					
FLUOROQUINOLONES	UNKNOWN	1	Fluoroquinolone Screen					
PENICILLINS(1)	UNKNOWN	1	Penicillin G					
PHENYLBUTAZONE	UNKNOWN	1	Phenylbutazone					
TETRACYCLINES(1)	UNITED STATES	6	Tetracycline screen					
TETRACYCLINES(1)	UNKNOWN	1	Tetracycline screen					

HAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-M	FRANCE	1	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENZIMIDAZOLES	FRANCE	1	Benzimidazole Screen					
CARBADOX(2)	UNITED STATES	4	Desoxycarbadox					
CEFTIOFUR	BELGIUM	1	Ceftiofur					
CEFTIOFUR	FRANCE	1	Ceftiofur					
DECOQUINATE	BELGIUM	1	Decoquinate					
DECOQUINATE	FRANCE	1	Decoquinate					
IONOPHORES	FRANCE	1	Ionophore Screen					
MACROLIDES	BELGIUM	1	Macrolides Screen					
MACROLIDES	FRANCE	1	Macrolides Screen					
PHENICOLS(1)	BELGIUM	1	Phenicol Screen					
PHENICOLS(1)	FRANCE	2	Phenicol Screen					
TETRACYCLINES(1)	BELGIUM	1	Tetracycline screen					
TETRACYCLINES(1)	FRANCE	2	Tetracycline screen					

HOG CASING

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
NITROFURANS	CHINA	6	Nitrofurans Screen					

LAMB

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-M	AUSTRALIA	2	Pesticide Screen					
PESTICIDES-M	NEW ZEALAND	3	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BACITRACIN	NEW ZEALAND	1	Bacitracin A					
CARBADOX(2)	NEW ZEALAND	2	Carbadox Screen					
CEFTIOFUR	AUSTRALIA	1	Ceftiofur					
CEFTIOFUR	NEW ZEALAND	4	Ceftiofur					
DECOQUINATE	AUSTRALIA	4	Decoquinate					
DECOQUINATE	NEW ZEALAND	3	Decoquinate					

LAMB

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
DIMETRIDAZOLE	AUSTRALIA	1	Dimetridazole					
DIMETRIDAZOLE	NEW ZEALAND	3	Dimetridazole					
FLUNIXIN	NEW ZEALAND	1	Flunixin					
FLUOROQUINOLONES	AUSTRALIA	4	Fluoroquinolone Screen					
FLUOROQUINOLONES	NEW ZEALAND	4	Fluoroquinolone Screen					
GLYCOSIDES(3)	AUSTRALIA	3	Glycosides Screen					
GLYCOSIDES(3)	NEW ZEALAND	3	Glycosides Screen					
IONOPHORES	AUSTRALIA	3	Ionophore Screen					
IONOPHORES	NEW ZEALAND	1	Ionophore Screen					
NICARBAZIN	NEW ZEALAND	1	Nicarbazin					
NITROIMIDAZOLES	AUSTRALIA	3	Dinitroimidazole Screen					
PENICILLINS(1)	NEW ZEALAND	1	Penicillin G					
PHENYLBUTAZONE	NEW ZEALAND	1	Phenylbutazone					
SPECTINOMYCIN	AUSTRALIA	1	Spectinomycin					
TETRACYCLINES(1)	AUSTRALIA	3	Tetracycline screen					
TETRACYCLINES(1)	NEW ZEALAND	1	Tetracycline screen					
VIRGINIAMYCIN	NEW ZEALAND	1	Virginiamycin M					

PORK

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BACITRACIN	FINLAND	3	Bacitracin A					
BENZIMIDAZOLES	UNITED STATES	4	Benzimidazole Screen					
CARBADOX(2)	BRAZIL	1	Desoxycarbadox					
CARBADOX(2)	FINLAND	3	Carbadox Screen					
CARBADOX(2)	UNITED KINGDOM	2	Desoxycarbadox					
CARBADOX(2)	UNITED STATES	620	Desoxycarbadox	1	0.0620	0.0620	0.0620	1
CARBADOX(2)	UNKNOWN	9	Desoxycarbadox					
CEFTIOFUR	FINLAND	4	Ceftiofur					
CEFTIOFUR	UNITED STATES	4	Ceftiofur					
CLOPIDOL	FINLAND	2	Clopidol					
DECOQUINATE	FINLAND	2	Decoquinate					
DIPYRONE	FINLAND	2	Dipyrone Screen					
FLUNIXIN	FINLAND	3	Flunixin					
FLUOROQUINOLONES	FINLAND	3	Fluoroquinolone Screen					
IONOPHORES	UNITED STATES	4	Ionophore Screen					
NICARBAZIN	FINLAND	2	Nicarbazin					
PENICILLINS(1)	FINLAND	3	Penicillin G					
PHENICOLS(1)	UNITED STATES	4	Phenicol Screen					
PHENYLBUTAZONE	FINLAND	3	Phenylbutazone					
SULFONAMIDES(2)	UNITED STATES	3	Sulfa screen	1				
SULFONAMIDES(2)	UNITED STATES	3	Sulfamethazine	1	0.0660	0.0660	0.0660	
TETRACYCLINES(1)	UNITED STATES	4	Tetracycline screen					
VIRGINIAMYCIN	FINLAND	1	Virginiamycin M					

PORK HEART

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BACITRACIN	UNITED STATES	1	Bacitracin A					
BENZIMIDAZOLES	UNITED STATES	4	Benzimidazole Screen					
CEFTIOFUR	UNITED STATES	5	Ceftiofur					
DIPYRONE	UNITED STATES	1	Dipyrone Screen					
IONOPHORES	UNITED STATES	4	Ionophore Screen					
PENICILLINS(1)	UNITED STATES	1	Penicillin G					
PHENICOLS(1)	UNITED STATES	4	Phenicol Screen					
SULFONAMIDES(2)	UNITED STATES	1	Sulfa screen					
TETRACYCLINES(1)	UNITED STATES	4	Tetracycline screen					
VIRGINIAMYCIN	UNITED STATES	1	Virginiamycin M					

PORK TAIL

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-M	UNITED STATES	1	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENZIMIDAZOLES	UNITED STATES	1	Benzimidazole Screen					
CEFTIOFUR	UNITED STATES	1	Ceftiofur					
IONOPHORES	UNITED STATES	1	Ionophore Screen					
PHENICOLS(1)	UNITED STATES	1	Phenicol Screen					
TETRACYCLINES(1)	UNITED STATES	1	Tetracycline screen					

PORK TRIMMING

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENZIMIDAZOLES	UNITED STATES	1	Benzimidazole Screen					
CEFTIOFUR	UNITED STATES	1	Ceftiofur					
IONOPHORES	UNITED STATES	1	Ionophore Screen					
PHENICOLS(1)	UNITED STATES	1	Phenicol Screen					
TETRACYCLINES(1)	UNITED STATES	1	Tetracycline screen					

PORK, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

PORK, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-M	CHINA	3	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
B-AGONISTS	CHINA	3	B-Agonists Screen					
NITROFURANS	CHINA	3	Nitrofurans Screen					
PHENICOLS(1)	CHINA	3	Phenicol Screen					
SULFONAMIDES(2)	CHINA	3	Sulfa screen					
TETRACYCLINES(1)	CHINA	3	Tetracycline screen					

Turkey

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
NITROFURANS	BRAZIL	6	Nitrofurans Screen					

VEAL

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-M	AUSTRALIA	4	Pesticide Screen					
PESTICIDES-M	UNITED STATES	1	Pesticide Screen					

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
CEFTIOFUR	AUSTRALIA	4	Ceftiofur					
CEFTIOFUR	NEW ZEALAND	2	Ceftiofur					
CEFTIOFUR	UNITED STATES	1	Ceftiofur					
DECOQUINATE	UNITED STATES	1	Decoquinate					
DIMETRIDAZOLE	AUSTRALIA	2	Dimetridazole					
DIMETRIDAZOLE	NEW ZEALAND	2	Dimetridazole					
DIMETRIDAZOLE	UNITED STATES	2	Dimetridazole					
GLYCOSIDES(3)	AUSTRALIA	4	Glycosides Screen					
GLYCOSIDES(3)	NEW ZEALAND	2	Glycosides Screen					
GLYCOSIDES(3)	UNITED STATES	2	Glycosides Screen					
IONOPHORES	AUSTRALIA	4	Ionophore Screen					
IONOPHORES	NEW ZEALAND	2	Ionophore Screen					
IONOPHORES	UNITED STATES	2	Ionophore Screen					
NITROIMIDAZOLES	AUSTRALIA	1	Dinitroimidazole Screen					

VEAL

Veterinary Drug

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PENICILLINS(1)	AUSTRALIA	1	Penicillin G					
PENICILLINS(1)	NEW ZEALAND	2	Penicillin G					
PENICILLINS(1)	UNITED STATES	1	Penicillin G					
SULFONAMIDES(2)	UNITED STATES	1	Sulfa screen					
TETRACYCLINES(1)	AUSTRALIA	4	Tetracycline screen					
TETRACYCLINES(1)	NEW ZEALAND	2	Tetracycline screen					
TETRACYCLINES(1)	UNITED STATES	1	Tetracycline screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Summary of Metal and Element Prevalence in Import Meat & Poultry Products

Metal Found	No. Tests	No. Found	Mean	Min	Max	Violations[1]	Above Average[2]
Aluminum	44	23	0.6281	0.1110	2.8600		
Arsenic	44	16	0.0118	0.0052	0.0253		
Boron	44	3	0.3490	0.1370	0.4700		1
Cadmium	44	3	0.0669	0.0150	0.1300		1
Chromium	44	11	0.1064	0.0600	0.3200		
Copper	44	44	1.0265	0.4800	3.9050		
Iron	44	44	20.8075	7.4060	45.9700		
Lead	44	12	0.0106	0.0023	0.0240		
Manganese	44	44	0.1258	0.0490	0.3670		3
Mercury	33	0					
Nickel	44	7	0.0787	0.0110	0.2000		
Selenium	44	44	0.1411	0.0230	0.5740		
Tin	44	20	1.0471	0.0200	15.4000		
Titanium	44	34	0.3294	0.2300	0.6100		
Zinc	44	44	29.7848	13.6900	53.7100		
All Metals and Elements	649	349					5

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Metals and Element Prevalence in Import Meat & Poultry Products

BEEF							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	26	15	0.2084	0.1110	0.5870		
Arsenic	26	6	0.0073	0.0052	0.0115		
Boron	26	0					
Cadmium	26	0					
Chromium	26	0					
Copper	26	26	0.7598	0.4800	1.3090		
Iron	26	26	21.1092	13.0100	39.9300		
Lead	26	2	0.0026	0.0023	0.0029		
Manganese	26	26	0.0863	0.0490	0.1370		
Mercury	26	0					
Nickel	26	2	0.0255	0.0110	0.0400		
Selenium	26	26	0.1110	0.0230	0.2340		
Tin	26	9	0.0323	0.0200	0.0820		
Titanium	26	26	0.3020	0.2300	0.5180		
Zinc	26	26	33.8554	21.2700	53.7100		
All Metals and Elements	390	190					

BEEF HEART							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	0					
Arsenic	3	0					
Boron	3	0					
Cadmium	3	0					
Chromium	3	0					
Copper	3	3	3.6673	3.5420	3.7910		
Iron	3	3	41.0633	37.2100	45.9700		
Lead	3	0					
Manganese	3	3	0.3343	0.2900	0.3670		2
Mercury	3	0					
Nickel	3	0					
Selenium	3	3	0.3757	0.3470	0.4040		
Tin	3	3	0.0543	0.0220	0.1090		
Titanium	3	3	0.3150	0.3110	0.3190		
Zinc	3	3	15.4533	13.6900	17.6400		
All Metals and Elements	45	21					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CORNED BEEF, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	6	6	1.2000	0.6000	1.6000		
Arsenic	6	6	0.0150	0.0100	0.0200		
Boron	6	0					
Cadmium	6	0					
Chromium	6	6	0.0783	0.0600	0.1100		
Copper	6	6	0.7983	0.7300	0.8800		
Iron	6	6	21.2833	17.4000	24.3000		
Lead	6	4	0.0100	0.0100	0.0100		
Manganese	6	6	0.1183	0.0900	0.1500		
Nickel	6	2	0.0250	0.0200	0.0300		
Selenium	6	6	0.0783	0.0600	0.1100		
Tin	6	6	3.3167	0.2000	15.4000		
Titanium	6	0					
Zinc	6	6	32.5167	25.3000	36.6000		
All Metals and Elements	84	60					

HAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	2.0600	1.2600	2.8600		
Arsenic	2	0					
Boron	2	2	0.4550	0.4400	0.4700		1
Cadmium	2	2	0.0725	0.0150	0.1300		1
Chromium	2	2	0.2450	0.1700	0.3200		
Copper	2	2	0.7400	0.5400	0.9400		
Iron	2	2	9.6150	8.9300	10.3000		
Lead	2	2	0.0175	0.0110	0.0240		
Manganese	2	2	0.2350	0.1500	0.3200		1
Nickel	2	2	0.1800	0.1600	0.2000		
Selenium	2	2	0.1590	0.0880	0.2300		
Tin	2	1	0.5600	0.5600	0.5600		
Titanium	2	1	0.6100	0.6100	0.6100		
Zinc	2	2	21.0500	18.8300	23.2700		
All Metals and Elements	28	24					3

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MORTADELLA							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	1	0.0100	0.0100	0.0100		
Boron	1	0					
Cadmium	1	0					
Chromium	1	1	0.0900	0.0900	0.0900		
Copper	1	1	0.6000	0.6000	0.6000		
Iron	1	1	14.4000	14.4000	14.4000		
Lead	1	1	0.0100	0.0100	0.0100		
Manganese	1	1	0.1500	0.1500	0.1500		
Nickel	1	1	0.0900	0.0900	0.0900		
Selenium	1	1	0.1200	0.1200	0.1200		
Tin	1	0					
Titanium	1	0					
Zinc	1	1	16.8000	16.8000	16.8000		
All Metals and Elements	14	9					

PORK							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	0					
Arsenic	3	0					
Boron	3	0					
Cadmium	3	0					
Chromium	3	0					
Copper	3	3	0.5813	0.5580	0.6070		
Iron	3	3	8.0340	7.4060	8.7510		
Lead	3	1	0.0168	0.0168	0.0168		
Manganese	3	3	0.0693	0.0640	0.0780		
Mercury	3	0					
Nickel	3	0					
Selenium	3	3	0.1250	0.1150	0.1430		
Tin	3	1	0.0270	0.0270	0.0270		
Titanium	3	3	0.4897	0.4130	0.5290		
Zinc	3	3	24.1367	22.8600	24.8000		
All Metals and Elements	45	20					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PORK HEART							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	1	0.0253	0.0253	0.0253		
Boron	1	1	0.1370	0.1370	0.1370		
Cadmium	1	1	0.0556	0.0556	0.0556		
Chromium	1	0					
Copper	1	1	3.9050	3.9050	3.9050		
Iron	1	1	36.5700	36.5700	36.5700		
Lead	1	0					
Manganese	1	1	0.3400	0.3400	0.3400		
Mercury	1	0					
Nickel	1	0					
Selenium	1	1	0.5740	0.5740	0.5740		
Tin	1	0					
Titanium	1	1	0.3240	0.3240	0.3240		
Zinc	1	1	16.5200	16.5200	16.5200		
All Metals and Elements	15	9					

PROSCIUTTO							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	0					
Arsenic	2	2	0.0100	0.0100	0.0100		
Boron	2	0					
Cadmium	2	0					
Chromium	2	2	0.0600	0.0600	0.0600		
Copper	2	2	0.9450	0.9300	0.9600		
Iron	2	2	10.7500	10.0000	11.5000		
Lead	2	2	0.0100	0.0100	0.0100		
Manganese	2	2	0.2050	0.1900	0.2200		
Nickel	2	0					
Selenium	2	2	0.1700	0.1600	0.1800		
Tin	2	0					
Titanium	2	0					
Zinc	2	2	20.5000	19.4000	21.6000		
All Metals and Elements	28	16					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

The TEF used by the Canadian Food Inspection Agency's National Chemical Residue Monitoring Program are indicated in Table 1.

Table 1. Toxic Equivalency Factors for PAH's

Analyte	TEF
Acenaphthene	0.001
Acenaphthylene	0.001
Anthracene	0.01
Benzo(a)anthracene	0.145
Benzo(a)pyrene	1
Benzo(b)fluoranthene	0.167
Benzo(g,h,i)perylene	0.02
Benzo(k)fluoranthene	0.1
Chrysene	0.03
Dibenzo(a,h)anthracene	5
Fluoranthene	0.05
Fluorene	0.001
Indeno(1,2,3-cd)pyrene	1
Naphthalene	0.001
Phenanthrene	0.001
Pyrene	0.002

All PAH results are in ppb

Summary of PAH's By Sample Type

Dairy	Butter				
# Samples	Analyte	# Positives	Avg	Min	Max
3	Indeno(1,2,3-cd)pyrene				
3	Acenaphthene	2	0.2115	0.1770	0.2460
3	Acenaphthylene				
3	Anthracene				
3	Benzo(a)anthracene				
3	Benzo(a)pyrene	1	0.4010	0.4010	0.4010
3	Benzo(b)fluoranthene				
3	Benzo(g,h,i)perylene				
3	Benzo(k)fluoranthene				
3	Chrysene				
3	Dibenzo(a,h)anthracene				
3	Fluorene	3	0.7960	0.1810	1.8180
3	Naphthalene	3	1.8800	0.5860	2.9930
3	Phenanthrene	3	0.9270	0.4290	1.7330
3	Pyrene	3	2.2300	2.1180	2.3000
3	Fluoranthene	3	0.5360	0.3970	0.6600

Honey	Honey				
# Samples	Analyte	# Positives	Avg	Min	Max
74	Dibenzo(a,h)anthracene				
74	Pyrene	59	0.1741	0.0121	3.4000
74	Phenanthrene	74	0.0833	0.0337	0.7680
74	Naphthalene	74	1.0344	0.2070	8.7800
74	Indeno(1,2,3-cd)pyrene				
74	Fluoranthene	46	0.0444	0.0127	0.3910
74	Acenaphthene	13	0.0916	0.0374	0.3620
74	Chrysene	7	0.0402	0.0264	0.0635
74	Anthracene	1	0.0468	0.0468	0.0468
74	Fluorene	7	0.0775	0.0375	0.2030
74	Acenaphthylene	9	0.0395	0.0277	0.0664
74	Benzo(k)fluoranthene				
74	Benzo(a)anthracene	5	0.0162	0.0141	0.0190
74	Benzo(a)pyrene				

Honey	Honey				
# Samples	Analyte	# Positives	Avg	Min	Max
74	Benzo(b)fluoranthene				
74	Benzo(g,h,i)perylene	2	0.0995	0.0729	0.1260

Meat	Beef Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
11	Chrysene				
11	Dibenzo(a,h)anthracene				
11	Pyrene	8	0.2156	0.1670	0.4090
11	Phenanthrene	6	0.8730	0.2820	2.2550
11	Naphthalene	10	4.4220	0.5680	12.1580
11	Indeno(1,2,3-cd)pyrene				
11	Fluorene	4	0.3114	0.1400	0.4877
11	Acenaphthene	1	0.3130	0.3130	0.3130
11	Acenaphthylene				
11	Benzo(k)fluoranthene				
11	Benzo(g,h,i)perylene				
11	Benzo(b)fluoranthene	1	0.4580	0.4580	0.4580
11	Benzo(a)pyrene	2	0.7800	0.4170	1.1430
11	Benzo(a)anthracene				
11	Anthracene	3	0.4737	0.3030	0.7380
11	Fluoranthene	2	0.3595	0.3540	0.3650

Meat	Buffalo Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
1	Indeno(1,2,3-cd)pyrene				
1	Anthracene				
1	Benzo(a)anthracene				
1	Benzo(a)pyrene				
1	Benzo(b)fluoranthene				
1	Benzo(g,h,i)perylene				
1	Benzo(k)fluoranthene				
1	Chrysene				
1	Dibenzo(a,h)anthracene				
1	Acenaphthylene				
1	Fluorene				

Meat	Buffalo Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
1	Naphthalene	1	1.7730	1.7730	1.7730
1	Phenanthrene	1	0.4100	0.4100	0.4100
1	Pyrene	1	0.2280	0.2280	0.2280
1	Acenaphthene				
1	Fluoranthene				

Meat	Chicken Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
9	Benzo(a)pyrene				
9	Chrysene				
9	Acenaphthene	4	13.2383	0.1730	43.7570
9	Phenanthrene	9	0.7111	0.2100	3.2730
9	Naphthalene	8	3.0308	0.5900	7.4510
9	Indeno(1,2,3-cd)pyrene				
9	Fluorene	3	1.5650	0.2950	2.7500
9	Anthracene				
9	Dibenzo(a,h)anthracene				
9	Acenaphthylene	1	0.2530	0.2530	0.2530
9	Benzo(k)fluoranthene				
9	Benzo(g,h,i)perylene				
9	Pyrene	1	0.3200	0.3200	0.3200
9	Benzo(b)fluoranthene	1	0.0460	0.0460	0.0460
9	Benzo(a)anthracene				
9	Fluoranthene				

Meat	Cow Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
7	Chrysene				
7	Fluorene	3	0.4420	0.1620	0.7800
7	Benzo(g,h,i)perylene				
7	Acenaphthene	2	0.4170	0.2080	0.6260
7	Pyrene	3	0.3157	0.2110	0.3720
7	Phenanthrene	7	0.7149	0.3510	1.4550
7	Indeno(1,2,3-cd)pyrene				
7	Fluoranthene	3	0.4503	0.2580	0.7930

Meat	Cow Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
7	Dibenzo(a,h)anthracene				
7	Benzo(k)fluoranthene				
7	Benzo(b)fluoranthene				
7	Benzo(a)pyrene	2	0.7550	0.7280	0.7820
7	Benzo(a)anthracene				
7	Anthracene	2	0.4335	0.2420	0.6250
7	Acenaphthylene				
7	Naphthalene	7	1.7420	0.2140	4.0680

Meat	Horse Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
7	Acenaphthene				
7	Pyrene	6	0.3265	0.1660	0.5430
7	Benzo(g,h,i)perylene				
7	Acenaphthylene	1	0.2660	0.2660	0.2660
7	Anthracene	1	0.2810	0.2810	0.2810
7	Benzo(a)anthracene				
7	Benzo(a)pyrene				
7	Benzo(b)fluoranthene	1	0.3680	0.3680	0.3680
7	Benzo(k)fluoranthene				
7	Chrysene				
7	Dibenzo(a,h)anthracene				
7	Fluoranthene	1	0.2260	0.2260	0.2260
7	Fluorene	4	0.2400	0.1890	0.2980
7	Indeno(1,2,3-cd)pyrene				
7	Phenanthrene	6	0.7492	0.4940	1.1630
7	Naphthalene	3	1.8587	1.2350	2.6580

Meat	Mutton Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
10	Pyrene	2	0.2805	0.2360	0.3250
10	Fluoranthene	2	0.3530	0.2930	0.4130
10	Phenanthrene	6	0.6602	0.2470	1.1290
10	Naphthalene	10	2.9636	1.2010	5.2120
10	Acenaphthene	3	14.0817	0.1710	41.8700

Meat	Mutton Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
10	Fluorene	5	0.5030	0.2010	1.4670
10	Dibenzo(a,h)anthracene				
10	Chrysene				
10	Acenaphthylene	1	0.4700	0.4700	0.4700
10	Benzo(g,h,i)perylene				
10	Benzo(b)fluoranthene				
10	Benzo(a)pyrene	1	0.7640	0.7640	0.7640
10	Benzo(a)anthracene				
10	Anthracene	1	0.2430	0.2430	0.2430
10	Benzo(k)fluoranthene				
10	Indeno(1,2,3-cd)pyrene				

Meat	Pork Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
8	Dibenzo(a,h)anthracene				
8	Acenaphthene	1	0.2180	0.2180	0.2180
8	Fluorene	3	0.3527	0.1840	0.4940
8	Indeno(1,2,3-cd)pyrene				
8	Naphthalene	7	4.4024	0.5970	13.7770
8	Pyrene	4	0.3320	0.1690	0.5840
8	Chrysene				
8	Phenanthrene	6	0.4143	0.3610	0.4890
8	Benzo(g,h,i)perylene				
8	Benzo(b)fluoranthene				
8	Benzo(a)pyrene	1	0.5010	0.5010	0.5010
8	Benzo(a)anthracene				
8	Anthracene				
8	Acenaphthylene	1	0.2470	0.2470	0.2470
8	Fluoranthene	1	0.3420	0.3420	0.3420
8	Benzo(k)fluoranthene				

Meat	Sow Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
6	Pyrene	3	0.2073	0.1730	0.2570
6	Fluoranthene	2	0.2190	0.2100	0.2280

Meat	Sow Fat				
# Samples	Analyte	# Positives	Avg	Min	Max
6	Fluorene	1	0.2181	0.2181	0.2181
6	Indeno(1,2,3-cd)pyrene				
6	Dibenzo(a,h)anthracene				
6	Phenanthrene	5	0.5858	0.2540	1.1320
6	Benzo(a)pyrene				
6	Naphthalene	5	7.7872	1.2430	15.0300
6	Chrysene				
6	Benzo(k)fluoranthene				
6	Benzo(b)fluoranthene				
6	Benzo(a)anthracene				
6	Anthracene	1	0.3130	0.3130	0.3130
6	Acenaphthylene				
6	Acenaphthene	1	0.2180	0.2180	0.2180
6	Benzo(g,h,i)perylene				

PAH Sample Summary

Domestic	Meat							
Commodity	# Sample	# Positive	PAH -Total			Toxicity		
			Avg	Min	Max	Avg	Min	Max
Sow Fat	6	6	7.2790	0.4310	16.5350	0.0114	0.0004	0.0299
Cow Fat	7	7	3.4333	0.5680	8.2260	0.2296	0.0006	0.7974
Pork Fat	8	7	5.2853	1.2280	14.8300	0.0794	0.0019	0.5017
Mutton Fat	10	10	8.1101	1.4330	48.0730	0.0882	0.0014	0.7661
Horse Fat	7	7	2.0187	0.8700	4.0610	0.0130	0.0010	0.0665
Chicken Fat	9	9	9.8792	1.1070	57.2770	0.0108	0.0011	0.0649
Buffalo Fat	1	1	2.4110	2.4110	2.4110	0.0026	0.0026	0.0026
Beef Fat	11	10	5.6900	0.7830	13.3010	0.1741	0.0008	1.1552

Domestic	Honey							
Commodity	# Sample	# Positive	PAH -Total			Toxicity		
			Avg	Min	Max	Avg	Min	Max
Honey	74	74	1.3206	0.2611	8.9221	0.0031	0.0003	0.0313

Import	Dairy							
Commodity	# Sample	# Positive	PAH -Total			Toxicity		
			Avg	Min	Max	Avg	Min	Max
Butter	3	3	6.6437	4.2780	8.5440	0.1687	0.0260	0.4368

Dioxin Annex

Dioxins, furans and PCBs

Background Information

Dioxin refers to a group of compounds with similar chemical and biological characteristics. Hundreds of these toxic compounds exist. Other compounds, related to chlorinated dibenzo-*p*-dioxin are frequently included in the discussion of the toxic effects of “dioxins”. These compounds include chlorinated dibenzofurans and certain polychlorinated biphenyls (PCB). These compounds (dioxins and furans) are not created intentionally but rather form as an inadvertent result of human activities and by natural processes. PCBs were man-made, but are no longer produced.

Sources and distribution

Dioxins are released into the air from combustion processes such as waste incineration and from burning fuels. They can also be formed from chlorine bleaching of pulp and paper, manufacturing, industrial activity and during forest fires. Government and industry efforts have reduced dioxin emissions over the past decades, but because dioxins are persistent pollutants they continue to exist in the environment. While the larger portion of current background dioxin exposure is attributable to man made sources and releases over several decades, low levels from natural sources would continue even if all man made sources were eliminated.

When released into the air, dioxins are transported long distances from their initial source, (see www.cec.org/files/PDF/POLLUTANTS/dioxrep_EN.pdf) and because of this are found around the world. In water releases settle into sediments where they can be further transported or ingested by fish. Dioxins break down very slowly and can be deposited on plants and taken up by animals and aquatic organisms. In animals, dioxins bio-accumulate in the fat and fatty tissues.

Health concerns and human exposure

Dioxins have been shown to cause a number of adverse health effects. Due to their ubiquitous distribution in the environment, all humans will have been exposed to some levels of dioxin. The health effects associated with dioxins depend on a variety of factors, including the level of exposure, when someone was exposed, and how long and how often. Chloracne is the most notable effect on individuals that have experienced exposure to large quantities of dioxin. Chloracne is a skin disease manifested by severe acne like lesions. Also evident are rashes, liver damage and skin discolouration.

Studies show that individuals exposed to dioxins over many years have an increased risk of cancer. In animals an increased risk of cancer occurs from long term low exposure to dioxins.

The USEPA has indicated that “most of the population has low level exposure to dioxins. EPA estimates that most dioxin exposure occurs through the diet, with over 95% coming through dietary intake of animal fats. Small amounts of exposure occur from breathing air containing trace amounts of dioxins on particles and in vapor form, from inadvertent ingestion of soil containing dioxins, and from absorption through the skin contacting air, soil, or water containing minute levels. Some people may have higher exposures than the general population. They may have experienced elevated exposures to dioxins as a result of particular food contamination incidents, through workplace exposures, from industrial accidents, or from consumption of unusually high amounts of fish, meat, or dairy products containing elevated levels of dioxins.”
Source: http://cfpub.epa.gov/ncea/cfm/dioxin.cfm?ActType=default

Toxicity:

The most toxic forms of dioxin are 2,3,7,8-tetrachloro dibenzo-*p*-dioxin and 1,2,3,7,8-pentachloro dibenzo-*p*-dioxin. Scientists use a shorthand method for comparing the toxicity of different types or mixtures of dioxins to the toxicity of
2,3,7,8-tetrachloro dibenzo-*p*-dioxin and 1,2,3,7,8-pentachloro dibenzo-*p*-dioxin. This method is called the "**T**oxicity **Eq**uivalence" or TEQ. Toxic Equivalency Factors (TEF) have been attributed to specified congeners.

http://www.epa.gov/ncea/pdfs/dioxin/part2/drich9.pdf

The TEF used by the Canadian Food Inspection Agency's National Chemical Residue Monitoring Program are indicated in Table 1.

Table 1: Toxic Equivalency Factors for dioxins and dioxin like compounds

CHLORINATED DIBENZODIOXINS	TEF
2,3,7,8-TCDD	1.0
1,2,3,7,8-PeCDD	1.0
1,2,3,4,7,8-HxCDD	0.1
1,2,3,6,7,8-HxCDD	0.1
1,2,3,7,8,9-HxCDD	0.1
1,2,3,4,6,7,8-HpCDD	0.01
1,2,3,4,6,7,8,9-OCDD	0.0001
CHLORINATED DIBENZOFURANS	
2,3,7,8-TCDF	0.1
1,2,3,7,8-PeCDF	0.05
2,3,4,7,8-PeCDF	0.5
1,2,3,4,7,8-HxCDF	0.1
1,2,3,6,7,8-HxCDF	0.1
1,2,3,7,8,9-HxCDF	0.1
2,3,4,6,7,8-HxCDF	0.1
1,2,3,4,6,7,8-HpCDF	0.01
1,2,3,4,7,8,9-HpCDF	0.01
1,2,3,4,6,7,8,9-OCDF	0.0001
PCBs with assigned toxic equivalency factors	
3,3',4,4'-TeCB (PCB 77)	0.0001
3,4, 4',5-TeCB (PCB 81)	0.0001
2,3,3',4,4'-PeCB (PCB 105)	0.0001
2,3,4,4',5-PeCB (PCB 114)	0.0005
2,3',4,4',5-PeCB (PCB 118)	0.0001
2',3,4,4',5-PeCB (PCB 123)	0.0001
3,3',4,4',5-PeCB (PCB 126)	0.1
2,3,3',4,4',5-HxCB (PCB 156)	0.0005
2,3,3',4,4',5'-HxCB (PCB 157)	0.0005
2,3',4,4',5,5'-HxCB (PCB 167)	0.00001
3,3',4,4',5,5'-HxCB (PCB 169)	0.01
2,2',3,3',4,4',5-HpCB (PCB 170)	0 previously 0.0001*
2,2',3,4,4',5,5'-HpCB (PCB 180)	0 previously 0.00001*
2,3,3',4,4',5,5'-HpCB (PCB 189)	0.0001

* Toxic Equivalence Factor are based upon WHO/97 estimates except for the congener PCB 170 and PCB 180 which are based upon WHO/94 estimated toxicity factors.

In addition to the polychlorinated biphenyls (PCB) which contribute to the total toxic equivalency of the samples, the NCRMP also tests the samples for total PCB by weight. This testing provides the sum of all specified congeners of PCBs. The scope is never less than the minimally required congeners listed in Table 2, below

Table 2: PCB congeners included in the NCRMP

Number	Congener	Number	Congener
PCB #001	2-Chlorobiphenyl	PCB #128	2,2',3,3',4,4'-Hexachlorobiphenyl
PCB #003	4-Chlorobiphenyl	PCB #129	2,2',3,3',4,5-Hexachlorobiphenyl
PCB #004	2,2'-Dichlorobiphenyl	PCB #137	2,2',3,4,4',5-Hexachlorobiphenyl
PCB #008	2,4'-Dichlorobiphenyl	PCB #138	2,2',3,4,4',5'-Hexachlorobiphenyl
PCB #010	2,6-Dichlorobiphenyl	PCB #141	2,2',3,4,5,5'-Hexachlorobiphenyl
PCB #015	4,4'-Dichlorobiphenyl	PCB #149	2,2',3,4,5',6-Hexachlorobiphenyl
PCB #018	2,2',5-Trichlorobiphenyl	PCB #151	2,2',3,5,5',6-Hexachlorobiphenyl
PCB #019	2,2',6-Trichlorobiphenyl	PCB #153	2,2',4,4',5,5'-Hexachlorobiphenyl
PCB #022	2,3,4'-Trichlorobiphenyl	PCB #155	2,2',4,4',6,6'-Hexachlorobiphenyl
PCB #028	2,4,4'-Trichlorobiphenyl	PCB #156	2,3,3',4,4',5-Hexachlorobiphenyl
PCB #033	2',3,4'-Trichlorobiphenyl	PCB #157	2,3,3',4,4',5'-Hexachlorobiphenyl
PCB #037	3,4,4'-Trichlorobiphenyl	PCB #158	2,3,3',4,4',6-Hexachlorobiphenyl
PCB #040	2,2',3,3'-Tetrachlorobiphenyl	PCB #167	2,3',4,4',5,5'-Hexachlorobiphenyl
PCB #041	2,2',3,4-Tetrachlorobiphenyl	PCB #168	2,3',4,4',5',6-Hexachlorobiphenyl
PCB #044	2,2',3,5-Tetrachlorobiphenyl	PCB #169	3,3',4,4',5,5'-Hexachlorobiphenyl
PCB #049	2,2',4,5'-Tetrachlorobiphenyl	PCB #170	2,2',3,3',4,4',5-Heptchlorobiphenyl
PCB #052	2,2',5,5'-Tetrachlorobiphenyl	PCB #171	2,2',3,3',4,4',6-Heptchlorobiphenyl
PCB #054	2,2',6,6''-Tetrachlorobiphenyl	PCB #177	2,2',3,3',4',5,6-Heptchlorobiphenyl
PCB #060	2,3',4,4'-Tetrachlorobiphenyl	PCB #178	2,2',3,3',5,5',6-Heptchlorobiphenyl
PCB #066	2,3',4,4'-Tetrachlorobiphenyl	PCB #180	2,2',3,4,4',5,5'-Heptchlorobiphenyl
PCB #070	2,3',4',5-Tetrachlorobiphenyl	PCB #183	2,2',3,4,4',5',6-Heptchlorobiphenyl
PCB #074	2,4,4',5-Tetrachlorobiphenyl	PCB #187	2,2',3,4',5,5',6-Heptchlorobiphenyl
PCB #077	3,3',4',4'-Tetrachlorobiphenyl	PCB #188	2,2',3,4',5,6,6'-Heptchlorobiphenyl
PCB #081	3,4,4',5-Tetrachlorobiphenyl	PCB #189	2,3,3',4,4',5,5'-Heptchlorobiphenyl
PCB #087	2,2',3,4,5'-Pentachlorobiphenyl	PCB #191	2,3,3',4,4',5',6-Heptchlorobiphenyl
PCB #095	2,2',3,5',6-Pentachlorobiphenyl	PCB #193	2,3,3',4',5,5',6-Heptchlorobiphenyl
PCB #099	2,2',4,4',5-Pentachlorobiphenyl	PCB #194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl
PCB #104	2,2',4,6,6'-Pentachlorobiphenyl	PCB #199	2,2',3,3',4,5,6,6'-Octachlorobiphenyl
PCB #105	2,3,3',4,4'-Pentachlorobiphenyl	PCB #201	2,2',3,3',4,5,5',6'-Octachlorobiphenyl
PCB #110	2,3,3',4',6'-Pentachlorobiphenyl	PCB #202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl
PCB #114	2,3,4,4',5-Pentachlorobiphenyl	PCB #203	2,2',3,4,4',5,5',6-Octachlorobiphenyl
PCB #118	2,3',4,4',5-Pentachlorobiphenyl	PCB #205	2,3,3',4,4',5,5',6-Octachlorobiphenyl
PCB #119	2,3',4,4',6-Pentachlorobiphenyl	PCB #206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl
PCB #123	2',3,4,4',5-Pentachlorobiphenyl	PCB #208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl
PCB #126	3,3',4,4',5-Pentachlorobiphenyl	PCB #209	Decachlorobiphenyl

Legal Authority

Paragraph 4 (d) of the **Food and Drug Act** Describes the following prohibition on the sale of food in Canada " No person shall sell an article of food that is adulterated" (see page VIII). Furthermore the **Food and Drug Regulations**
In section **B.01.046 (1)** describe the following description for "**adulteration**" as the condition pertains to dioxins:

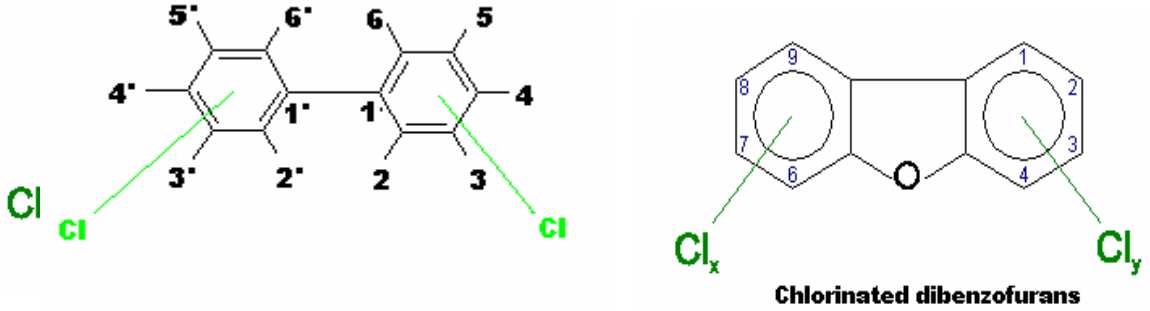
"A food is adulterated if any of the following substances or classes of substances are present therein or have been added thereto:" - Item (p) on the list is chlorinated dibenzo-*p*-dioxins.

The impact of this regulation is to render illegal the sale of an item, as food, if it contains any portion of chlorinated dibenzo-*p*-dioxins. (**B.01.047** section (f) creates an exemption for fish that contains 20 parts per trillion or less of 2,3,7,8-tetrachloro-dibenzo-*p*-dioxin.)

Under the restrictions placed by the **Meat Inspection Act and Regulations,** regulation **20. (1)** states that "No adulterated meat product shall be identified as edible". As a practical matter, this restriction cannot be enforced because all fatty foods become "adulterated" due to of the ubiquitous nature of these contaminants in the environment.

The CFIA has requested that Health Canada re-evaluate the dioxin standards as they apply to foods other than fish. Health Canada has indicated that standards for dioxin and dioxin like compounds in food are currently under review.

In the interim the CFIA has initiated a follow up program wherein farms/producers presenting animals found with elevated levels of dioxins during monitoring are subject of additional follow up inspection activities. The aim is to identify local environmental sources which may have contributed to the elevated initial residue finding. These follow up activities are triggered by initial findings for dioxins (excluding dioxin like PCB contribution) which exceed an upper bound limit of 3.5 ppt (TEQ/g fat) and at the same time exceed a lower bound limit of 2.5 ppt.



Chlorinated dibenzofurans

Results of CFIA residue monitoring for dioxins and dioxin like compounds

Table 3: Portion of samples in violation of current Canadian standard for dioxins

Commodity	No. of Samples	Violations (B.01.046)
Beef Fat	30	
Buffalo Fat	14	1
Butter	3	
Chicken Fat	28	
Cow Fat	29	
Horse Fat	24	8
Musk Ox	12	
Mutton Fat	26	
Pork Fat	33	
Raw Milk	38	
Raw Milk - Followup	12	2
Sow Fat	18	
Turkey Fat	4	
Total	271	11

As indicated above – A violation of B.01.046 does not necessarily entail a health risk. The data gathered to date shows low background levels of dioxin in animal-derived products**. Health Canada has previously determined that such trace amounts do not pose a risk to the health of the consumer (Risk Assessment provided to CFIA).** The international consensus on safe levels of dioxins in food is under consideration. European Union, the United States and the Codex Alimentarius are presently engaged in seeking standards for dioxin contamination of food items.

Table 4: Finding for total PCBs by weight in fat (units of ng/g)

Commodity	Number	Mean	Minimum	Maximum
Beef Fat	30	0.444	0.000	2.400
Buffalo Fat	14	0.724	0.271	2.021
Butter	3	3.151	2.732	3.472
Chicken Fat	28	0.674	0.157	1.644
Cow Fat	29	1.584	0.303	6.725
Horse Fat	24	9.300	0.281	83.378
Musk Ox	12	5.347	2.565	20.937
Mutton Fat	26	0.557	0.228	1.464
Pork Fat	33	0.495	0.142	1.758
Raw Milk	38	1.525	0.130	14.432
Raw Milk - Followup	12	1.950	0.362	7.770
Sow Fat	18	0.572	0.108	1.336
Turkey Fat	4	1.453	1.052	1.915

Table 5: Toxic equivalence attributable to dioxins, furans and PCBs

Commodity	Mean		Minimum		Maximum	
	Lower bound	*Upper bound*	*Lower bound*	*Upper bound*	*Lower bound*	*Upper bound*
Chlorinated dibenzo-p-dioxins (pg TEQ/gram of fat)						
Beef Fat	0.24	0.38	0.00	0.05	1.42	1.44
Buffalo Fat	0.47	0.60	0.02	0.09	2.92	2.92
Butter	0.15	0.16	0.06	0.07	0.31	0.32
Chicken Fat	0.04	0.14	0.00	0.03	0.11	0.47
Cow Fat	0.16	0.41	0.00	0.06	0.70	1.25
Horse Fat	3.66	3.73	0.03	0.29	22.04	22.04
Musk Ox	0.00	0.31	0.00	0.21	0.02	0.48
Mutton Fat	0.07	0.23	0.00	0.04	0.31	0.80
Pork Fat	0.00	0.11	0.00	0.02	0.03	0.85
Raw Milk	0.17	0.21	0.01	0.06	1.15	1.17
Raw Milk - Followup	2.00	2.04	0.78	0.81	6.33	6.44
Sow Fat	0.04	0.19	0.00	0.02	0.41	0.79
Turkey Fat	0.00	0.35	0.00	0.27	0.00	0.47
Chlorinated dibenzofurans (pg TEQ/gram of fat)						
Beef Fat	0.09	0.14	0.00	0.02	1.00	1.00
Buffalo Fat	0.15	0.21	0.00	0.03	0.81	0.82
Butter	0.09	0.10	0.05	0.05	0.15	0.16
Chicken Fat	0.03	0.07	0.00	0.01	0.20	0.23
Cow Fat	0.06	0.16	0.00	0.02	0.19	0.43
Horse Fat	0.69	0.72	0.00	0.11	3.30	3.31
Musk Ox	0.00	0.16	0.00	0.12	0.00	0.24
Mutton Fat	0.03	0.08	0.00	0.01	0.10	0.21
Pork Fat	0.01	0.05	0.00	0.01	0.12	0.22
Raw Milk	0.05	0.06	0.00	0.02	0.16	0.16
Raw Milk - Followup	0.51	0.52	0.13	0.13	1.94	1.97
Sow Fat	0.01	0.08	0.00	0.02	0.05	0.32
Turkey Fat	0.00	0.15	0.00	0.12	0.00	0.21
Polychlorinated biphenyls PCBs (pg TEQ/gram of fat)						
Beef Fat	0.06	0.09	0.00	0.02	0.37	0.37
Buffalo Fat	0.08	0.10	0.01	0.03	0.35	0.35
Butter	0.26	0.26	0.17	0.17	0.34	0.34
Chicken Fat	0.04	0.06	0.00	0.02	0.28	0.28
Cow Fat	0.21	0.23	0.01	0.03	0.75	0.75
Horse Fat	2.01	2.01	0.01	0.07	16.49	16.49
Musk Ox	0.55	0.59	0.07	0.34	1.38	1.38
Mutton Fat	0.04	0.06	0.00	0.01	0.23	0.23
Pork Fat	0.01	0.03	0.00	0.00	0.09	0.10
Raw Milk	0.16	0.17	0.00	0.01	0.91	0.91
Raw Milk - Followup	0.23	0.23	0.11	0.12	0.46	0.46
Sow Fat	0.02	0.04	0.00	0.01	0.09	0.09
Turkey Fat	0.16	0.19	0.01	0.04	0.54	0.57

Table 6: Dioxin total toxic equivalence in selected commodities (*pg TEQ/gram of fat*)

Values are for the sum of dioxins, furans and PCBs with TEF

Commodity	Mean		Minimum		Maximum	
	Lower bound	*Upper bound*	*Lower bound*	*Upper bound*	*Lower bound*	*Upper bound*
Beef Fat	0.40	0.62	0.01	0.12	2.46	2.49
Buffalo Fat	0.70	0.91	0.04	0.16	3.76	3.81
Butter	0.50	0.52	0.32	0.36	0.80	0.81
Chicken Fat	0.11	0.27	0.01	0.07	0.31	0.90
Cow Fat	0.43	0.80	0.06	0.14	1.21	1.80
Horse Fat	6.35	6.46	0.36	0.67	35.34	35.34
Musk Ox	0.55	1.06	0.07	0.74	1.38	1.87
Mutton Fat	0.14	0.37	0.01	0.07	0.47	1.09
Pork Fat	0.03	0.19	0.00	0.03	0.12	1.04
Raw Milk	0.38	0.44	0.03	0.12	1.55	1.58
Raw Milk - Followup	2.73	2.79	1.15	1.19	8.49	8.63
Sow Fat	0.07	0.30	0.01	0.06	0.45	1.13
Turkey Fat	0.16	0.69	0.01	0.50	0.54	0.97

Lower bound: This represents the mean, minimum and maximum value of all samples for which the congeners found present at levels below their detection limits are represented as being at a level of zero.
Upper bound: This represents the mean, minimum and maximum value of all samples for which the congeners found present at levels below their detection limits are represented as being at a level of their detection limits.
The traditional middle bound limit, which results from the use of one half the detection limit for all non detectable congeners, can be estimated by adding one half the difference between the upper and lower bound limit to the lower bound limit.

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Official Journal of the European Communities, 9.3.2002, ref (2002/201/EC)

Fresh Fruit and Vegetable Commodities
Compliance Summary
5 Year Progression of Chemical Residues

Program	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
	n	% OK	n	% OK	n	% OK	n	% OK	n	% OK
Domestic product testing:										
Abamectin:										
Various fresh	158	100.00	45	100.00	90	100.00	29	100.00	na	
Alar: (daminozide)										
Various fresh	233	100.00	226	99.56	268	100.00	359	100.00	1,094	100.00
Amitraz: (amitraz metabolites)										
Various fresh	307	100.00	232	100.00	272	100.00	363	100.00	649	100.00
Benomyl:										
Apples		100.00	113	100.00	40	100.00	61	100.00	0	
Other		100.00	585	100.00	897	99.77	908	100.00	0	
Various fresh	341	100.00	698	100.00	937	99.79	969	100.00	0	
Note: For 2007/2008, total includes only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Dithiocarbamates:										
Various fresh	983	98.98	1,165	99.83	1,569	99.16	1,215	99.18	1,313	99.92
Note: For 2007/2008, total includes only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Ethylene diamine:										
Various fresh	1,005	99.60	1,149	100.00	1,593	99.56	1,695	N/A	1,112	N/A
There is no MRL for ethylene diamine (EDA) in produce; positive results may indicate that a crop has been exposed to an EBDC fungicide. Violations are reported if the CS2 evolution test exceeds the EBDC MRL.										
Ethylene thiourea:										
Various fresh	367	99.73	510	100.00	1,591	99.94	1,763	99.77	1,128	99.91
ETU is limited to 0.05 ppm in all foods by Reg. B.01.047 (i)										
Formetanate:										
Various fresh	297	100.00	177	100.00	298	100.00	348	100.00	0	-
Metals and elements:										
Various fresh	11,155	N/A	14,745	N/A	19,657	N/A	23,432	N/A	21,336	N/A
Canada has few standards for metals in food in current regulations.										
Pesticides (multi-residue method):										
Various fresh	1,221	99.51	1,556	99.66	1,698	99.16	1,904	99.35	2,507	99.29
Note: For 2007/2008, total includes only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Synthetic pyrethrins										
Various fresh			62	100.00	1,090	99.91	1,176	100.00		
Thiabendazole:										
Various fresh	401	99.00	663	99.40	1,190	100.00	1,298	100.00	2,179	100.00
Note: For 2007/2008, total includes only monitoring samples. Prior to 2007/2008, totals included both monitoring and suspect samples. Compliance rates are based on monitoring samples only.										
Domestic Total	16,468		22,158		31,462		35,883		31,967	

Fresh Fruit and Vegetable Commodities
Compliance Summary
5 Year Progression of Chemical Residues

Imported product testing:										
Abamectin	29	100.00	46	100.00	64	100.00	24	100.00		
Alar	344	100.00	977	100.00	1,059	100.00	1,400	100.00	1,457	100.00
Amitraz	487	100.00	1,190	100.00	1,090	100.00	1,475	100.00	1,318	99.70
Benomyl	1,750	98.57	3,044	99.28	2,331	99.31	2,475	99.43	0	
Dithiocarbamates	1,995	97.89	3,003	99.53	2,375	98.61	2,631	98.59	3,555	99.23
Ethylene diamine	2,164	99.03	2,928	100.00	2,340	98.85	2,714	N/A	3,054	N/A
Ethylene thiourea	1,537	99.93	2,112	99.91	2,353	99.92	3,556	99.86	2,774	99.86
Formetanate	741	99.87	1,424	100.00	1,147	100.00	1,352		0	-
Heavy metals	21,670	N/A	37,500	N/A	27,236	N/A	47,061	N/A	46,678	N/A
Pesticides (MRA)	2,763	94.97	3,810	97.27	2,502	96.76	5,816	98.85	12,713	99.48
Syn. pyrethrins			259	100.00	685	99.42	943	100.00		
Thiabendazole	1,461	99.73	2,021	99.31	1,807	99.39	2,454	99.34	5,059	99.58
Import Total	34,941		58,314		44,989		71,901		76,629	
Total Fresh Products	51,409		80,472		76,451		107,784		108,596	

Informational Notes

Note 1: The Dithiocarbamates program is founded on two tests both of which are indirect indicators of the group. The initial tests is based upon the digestion of the sample and the liberation of CS2, which is in turn captured and quantified. The amount of CS2 is calculated as a dithiocarbamate, usually zineb equivalence. This provides the numeric estimation of the quantity of dithiocarbamate residue present in the sample portion.
Since Canada regulates residues of EthleneBisDithioCarbamate (EBDC), differently from the general dithiocarbamate group it is important to distinguish if the CS2 method indicates an EBDC or non-EBDC dithiocarbamate. The Canadian NCRMP has relied on a second method for the determination of the specific group. In the second method, the sample material is digested to liberate ethylene diamine (EDA), which is quantified. The presence of EDA, above background, is taken as a qualitative indicator of the EBDCs, while its absence is taken as an indicator of a non-EBDC dithiocarbamate.

Note 2: Ethylene diamine is reported as the specific compound with no attempt to calculate an equivalent EBDC amount as was done in the past.

Note 3: Criteria related to health and safety standards for metals and elements in foods can be found in Table 1 of Division 15 of the Food and Drug Regulations (http://laws.justice.gc.ca./en/F-27/C.R.C.- c.870/127434.html#rid-127568). In addition, elevated levels of metals in foods can be indicators of poor or illegal agricultural practices, contamination of agricultural inputs or a polluted environment. Thus, elevated levels of these contaminants, while not necessarily entailing a health and safety risk for consumers, are still marked as "above average" in order to trigger a follow up inspection.

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Pesticide Residue Monitoring for Domestic Fresh Fruit & Vegetable Products

Program	Commodity	No.Tests	No. Positives	No. Violations
ABAMECTIN	APPLES, FRESH	42		
ABAMECTIN	CUCUMBER, FRESH	6		
ABAMECTIN	CUCUMBER, FRESH (GH)	19		
ABAMECTIN	LETTUCE, FRESH	13		
ABAMECTIN	PEAR, FRESH	27		
ABAMECTIN	PEPPER, FRESH	7		
ABAMECTIN	STRAWBERRY, FRESH	8		
ABAMECTIN	TOMATO, FRESH	7	1	
ABAMECTIN	TOMATO, FRESH (GH)	29		
ALAR	APPLES, FRESH	60		
ALAR	APRICOT, FRESH	3		
ALAR	ASPARAGUS, FRESH	2		
ALAR	BEAN SPROUT, FRESH	4		
ALAR	BEAN, FRESH	3		
ALAR	BEET, FRESH	1		
ALAR	BLUEBERRY, FRESH	2		
ALAR	BROCCOLI, FRESH	2		
ALAR	BRUSSELS SPROUT, FRESH	3		
ALAR	CABBAGE, FRESH	7		
ALAR	CABBAGE, FRESH CHINESE	1		
ALAR	CARROT, FRESH	3		
ALAR	CAULIFLOWER, FRESH	1		
ALAR	CELERY, FRESH	1		
ALAR	CHERRY, FRESH	8		
ALAR	CORN, FRESH SWEET	5		
ALAR	CUCUMBER, FRESH	2		
ALAR	CUCUMBER, FRESH (GH)	7		
ALAR	LETTUCE, FRESH	3		
ALAR	MELON, FRESH	2		
ALAR	MUSHROOM, FRESH	3		
ALAR	NECTARINE, FRESH	5		
ALAR	ONION, FRESH	2		
ALAR	ONION, FRESH GREEN	1		
ALAR	PARSNIP, FRESH	4		
ALAR	PEA, FRESH	1		
ALAR	PEACH, FRESH	4		
ALAR	PEAR, FRESH	6		
ALAR	PEPPER, FRESH	2		
ALAR	PEPPER, FRESH (GH)	8		
ALAR	PLUM, FRESH	7		
ALAR	POTATO, FRESH	22		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
ALAR	RADISH, FRESH	3		
ALAR	RHUBARB, FRESH	2		
ALAR	RUTABAGA, FRESH	4		
ALAR	SHALLOT, FRESH	1		
ALAR	SPINACH, FRESH	2		
ALAR	SQUASH, FRESH	4		
ALAR	STRAWBERRY, FRESH	3		
ALAR	SWISS CHARD, FRESH	1		
ALAR	TOMATO, FRESH	21		
ALAR	TOMATO, FRESH (GH)	4		
ALAR	WATERMELON, FRESH	1		
ALAR	ZUCCHINI, FRESH	2		
AMITRAZ	APPLES, FRESH	88		
AMITRAZ	APRICOT, FRESH	3		
AMITRAZ	ASPARAGUS, FRESH	2		
AMITRAZ	BEAN SPROUT, FRESH	3		
AMITRAZ	BEAN, FRESH	3		
AMITRAZ	BEET, FRESH	2		
AMITRAZ	BLUEBERRY, FRESH	2		
AMITRAZ	BROCCOLI, FRESH	2		
AMITRAZ	BRUSSELS SPROUT, FRESH	5		
AMITRAZ	CABBAGE, FRESH	8		
AMITRAZ	CABBAGE, FRESH CHINESE	3		
AMITRAZ	CARROT, FRESH	3		
AMITRAZ	CAULIFLOWER, FRESH	2		
AMITRAZ	CELERY, FRESH	1		
AMITRAZ	CHERRY, FRESH	8		
AMITRAZ	CORN, FRESH SWEET	5		
AMITRAZ	CRANBERRY, FRESH	2		
AMITRAZ	CUCUMBER, FRESH	2		
AMITRAZ	CUCUMBER, FRESH (GH)	7		
AMITRAZ	LETTUCE, FRESH	4		
AMITRAZ	MELON, FRESH	2		
AMITRAZ	MUSHROOM, FRESH	7		
AMITRAZ	NECTARINE, FRESH	5		
AMITRAZ	ONION, FRESH	5		
AMITRAZ	ONION, FRESH GREEN	1		
AMITRAZ	PARSNIP, FRESH	4		
AMITRAZ	PEA, FRESH	1		
AMITRAZ	PEACH, FRESH	4		
AMITRAZ	PEAR, FRESH	6		
AMITRAZ	PEPPER, FRESH	2		
AMITRAZ	PEPPER, FRESH (GH)	10		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
AMITRAZ	PLUM, FRESH	7		
AMITRAZ	POTATO, FRESH	42		
AMITRAZ	PUMPKIN, FRESH	2		
AMITRAZ	RADISH, FRESH	4		
AMITRAZ	RASPBERRY, FRESH	1	1	
AMITRAZ	RHUBARB, FRESH	2		
AMITRAZ	RUTABAGA, FRESH	6		
AMITRAZ	SHALLOT, FRESH	1		
AMITRAZ	SPINACH, FRESH	2		
AMITRAZ	SQUASH, FRESH	4		
AMITRAZ	STRAWBERRY, FRESH	4		
AMITRAZ	SWISS CHARD, FRESH	1		
AMITRAZ	TOMATO, FRESH	22	1	
AMITRAZ	TOMATO, FRESH (GH)	4		
AMITRAZ	WATERMELON, FRESH	1		
AMITRAZ	ZUCCHINI, FRESH	2		
BENOMYL	APPLES, FRESH	100	4	
BENOMYL	APRICOT, FRESH	3		
BENOMYL	ASPARAGUS, FRESH	2		
BENOMYL	BEAN SPROUT, FRESH	5		
BENOMYL	BEAN, FRESH	3		
BENOMYL	BEET, FRESH	3		
BENOMYL	BLUEBERRY, FRESH	2		
BENOMYL	BROCCOLI, FRESH	2		
BENOMYL	BRUSSELS SPROUT, FRESH	5		
BENOMYL	CABBAGE, FRESH	10		
BENOMYL	CABBAGE, FRESH CHINESE	3		
BENOMYL	CARROT, FRESH	3		
BENOMYL	CAULIFLOWER, FRESH	2		
BENOMYL	CELERY, FRESH	1		
BENOMYL	CHERRY, FRESH	8		
BENOMYL	CORN, FRESH SWEET	5		
BENOMYL	CRANBERRY, FRESH	2		
BENOMYL	CUCUMBER, FRESH	2		
BENOMYL	CUCUMBER, FRESH (GH)	7	1	
BENOMYL	LETTUCE, FRESH	4		
BENOMYL	MELON, FRESH	2		
BENOMYL	MUSHROOM, FRESH	9	3	
BENOMYL	NECTARINE, FRESH	5		
BENOMYL	ONION, FRESH	3		
BENOMYL	ONION, FRESH GREEN	1		
BENOMYL	PARSNIP, FRESH	5		
BENOMYL	PEA, FRESH	2	1	

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
BENOMYL	PEACH, FRESH	4		
BENOMYL	PEAR, FRESH	7		
BENOMYL	PEPPER, FRESH	2		
BENOMYL	PEPPER, FRESH (GH)	10		
BENOMYL	PLUM, FRESH	7		
BENOMYL	POTATO, FRESH	59		
BENOMYL	PUMPKIN, FRESH	2		
BENOMYL	RADISH, FRESH	4		
BENOMYL	RASPBERRY, FRESH	1		
BENOMYL	RHUBARB, FRESH	2		
BENOMYL	RUTABAGA, FRESH	4		
BENOMYL	SHALLOT, FRESH	1		
BENOMYL	SPINACH, FRESH	2		
BENOMYL	SQUASH, FRESH	5	1	
BENOMYL	STRAWBERRY, FRESH	4		
BENOMYL	SWISS CHARD, FRESH	1		
BENOMYL	TOMATO, FRESH	20		
BENOMYL	TOMATO, FRESH (GH)	4		
BENOMYL	WATERMELON, FRESH	1		
BENOMYL	ZUCCHINI, FRESH	2		
EBDC(DC)	APPLES, FRESH	226	24	
EBDC(DC)	APRICOT, FRESH	17	6	1
EBDC(DC)	ASPARAGUS, FRESH	18	1	
EBDC(DC)	BEAN SPROUT, FRESH	14		
EBDC(DC)	BEAN, FRESH	16	1	
EBDC(DC)	BEET, FRESH	19	2	
EBDC(DC)	BLUEBERRY, FRESH	12		
EBDC(DC)	BROCCOLI, FRESH	11	8	
EBDC(DC)	BRUSSELS SPROUT, FRESH	10	6	
EBDC(DC)	CABBAGE, FRESH	11	7	1
EBDC(DC)	CABBAGE, FRESH CHINESE	9	4	
EBDC(DC)	CANTALOUPE, FRESH	2		
EBDC(DC)	CARROT, FRESH	12	3	
EBDC(DC)	CAULIFLOWER, FRESH	12	6	
EBDC(DC)	CELERY, FRESH	11	5	
EBDC(DC)	CHERRY, FRESH	16		
EBDC(DC)	CORN, FRESH SWEET	20	2	
EBDC(DC)	CRANBERRY, FRESH	8		
EBDC(DC)	CUCUMBER, FRESH	11		
EBDC(DC)	CUCUMBER, FRESH (GH)	13	1	
EBDC(DC)	GARLIC, FRESH	3	2	2
EBDC(DC)	GRAPE, FRESH	7	4	
EBDC(DC)	LETTUCE, FRESH	21	5	

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(DC)	MELON, FRESH	1		
EBDC(DC)	MUSHROOM, FRESH	20		
EBDC(DC)	NECTARINE, FRESH	7	1	
EBDC(DC)	ONION, FRESH	14	1	
EBDC(DC)	ONION, FRESH GREEN	10	2	
EBDC(DC)	PARSNIP, FRESH	18		
EBDC(DC)	PEA, FRESH	6	3	
EBDC(DC)	PEACH, FRESH	20	3	
EBDC(DC)	PEAR, FRESH	13	3	
EBDC(DC)	PEPPER, FRESH	7	1	
EBDC(DC)	PEPPER, FRESH (GH)	25	1	
EBDC(DC)	PEPPER, FRESH HOT	1	1	
EBDC(DC)	PLUM, FRESH	12	3	
EBDC(DC)	POTATO, FRESH	170	9	4
EBDC(DC)	PUMPKIN, FRESH	4	1	
EBDC(DC)	RADISH, FRESH	11	8	
EBDC(DC)	RASPBERRY, FRESH	7	1	
EBDC(DC)	RHUBARB, FRESH	11	1	1
EBDC(DC)	RUTABAGA, FRESH	17	9	
EBDC(DC)	SASKATOON BERRY, FRESH	2		
EBDC(DC)	SHALLOT, FRESH	2		
EBDC(DC)	SPINACH, FRESH	10		
EBDC(DC)	SQUASH, FRESH	17		
EBDC(DC)	STRAWBERRY, FRESH	7	1	
EBDC(DC)	SWISS CHARD, FRESH	3	1	1
EBDC(DC)	TOMATO, FRESH	42	2	
EBDC(DC)	TOMATO, FRESH (GH)	15	1	
EBDC(DC)	WATERMELON, FRESH	3		
EBDC(DC)	ZUCCHINI, FRESH	9	1	
EBDC(EBDC)	APPLES, FRESH	236	72	
EBDC(EBDC)	APRICOT, FRESH	17		
EBDC(EBDC)	ASPARAGUS, FRESH	18		
EBDC(EBDC)	BEAN SPROUT, FRESH	17	1	
EBDC(EBDC)	BEAN, FRESH	16		
EBDC(EBDC)	BEET, FRESH	19		
EBDC(EBDC)	BLUEBERRY, FRESH	12		
EBDC(EBDC)	BROCCOLI, FRESH	11		
EBDC(EBDC)	BRUSSELS SPROUT, FRESH	10		
EBDC(EBDC)	CABBAGE, FRESH	11	1	
EBDC(EBDC)	CABBAGE, FRESH CHINESE	9	1	
EBDC(EBDC)	CANTALOUPE, FRESH	2		
EBDC(EBDC)	CARROT, FRESH	12	1	
EBDC(EBDC)	CAULIFLOWER, FRESH	12		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(EBDC)	CELERY, FRESH	11	2	
EBDC(EBDC)	CHERRY, FRESH	16		
EBDC(EBDC)	CORN, FRESH SWEET	20		
EBDC(EBDC)	CRANBERRY, FRESH	8		
EBDC(EBDC)	CUCUMBER, FRESH	11	2	
EBDC(EBDC)	CUCUMBER, FRESH (GH)	14		
EBDC(EBDC)	GARLIC, FRESH	3		
EBDC(EBDC)	GRAPE, FRESH	7	4	
EBDC(EBDC)	LETTUCE, FRESH	21	5	1
EBDC(EBDC)	MELON, FRESH	1		
EBDC(EBDC)	MUSHROOM, FRESH	21	10	
EBDC(EBDC)	NECTARINE, FRESH	7		
EBDC(EBDC)	ONION, FRESH	14		
EBDC(EBDC)	ONION, FRESH GREEN	10	2	
EBDC(EBDC)	PARSNIP, FRESH	18		
EBDC(EBDC)	PEA, FRESH	6	5	
EBDC(EBDC)	PEACH, FRESH	20		
EBDC(EBDC)	PEAR, FRESH	13	3	
EBDC(EBDC)	PEPPER, FRESH	7	1	
EBDC(EBDC)	PEPPER, FRESH (GH)	25		
EBDC(EBDC)	PEPPER, FRESH HOT	1	1	
EBDC(EBDC)	PLUM, FRESH	12		
EBDC(EBDC)	POTATO, FRESH	177	65	3
EBDC(EBDC)	PUMPKIN, FRESH	4		
EBDC(EBDC)	RADISH, FRESH	11		
EBDC(EBDC)	RASPBERRY, FRESH	7		
EBDC(EBDC)	RHUBARB, FRESH	11		
EBDC(EBDC)	RUTABAGA, FRESH	17		
EBDC(EBDC)	SASKATOON BERRY, FRESH	2		
EBDC(EBDC)	SHALLOT, FRESH	2		
EBDC(EBDC)	SPINACH, FRESH	10	2	
EBDC(EBDC)	SQUASH, FRESH	17		
EBDC(EBDC)	STRAWBERRY, FRESH	7		
EBDC(EBDC)	SWISS CHARD, FRESH	3		
EBDC(EBDC)	TOMATO, FRESH	42	2	
EBDC(EBDC)	TOMATO, FRESH (GH)	15		
EBDC(EBDC)	WATERMELON, FRESH	3		
EBDC(EBDC)	ZUCCHINI, FRESH	9		
EBDC(ETU)	APPLES, FRESH	107		
EBDC(ETU)	APRICOT, FRESH	3		
EBDC(ETU)	ASPARAGUS, FRESH	2		
EBDC(ETU)	BEAN SPROUT, FRESH	7		
EBDC(ETU)	BEAN, FRESH	3		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(ETU)	BEET, FRESH	4		
EBDC(ETU)	BLUEBERRY, FRESH	2		
EBDC(ETU)	BROCCOLI, FRESH	2		
EBDC(ETU)	BRUSSELS SPROUT, FRESH	4		
EBDC(ETU)	CABBAGE, FRESH	10		
EBDC(ETU)	CABBAGE, FRESH CHINESE	3		
EBDC(ETU)	CARROT, FRESH	4		
EBDC(ETU)	CAULIFLOWER, FRESH	2		
EBDC(ETU)	CELERY, FRESH	1		
EBDC(ETU)	CHERRY, FRESH	8		
EBDC(ETU)	CORN, FRESH SWEET	5		
EBDC(ETU)	CRANBERRY, FRESH	2		
EBDC(ETU)	CUCUMBER, FRESH	2		
EBDC(ETU)	CUCUMBER, FRESH (GH)	7		
EBDC(ETU)	LETTUCE, FRESH	4	1	1
EBDC(ETU)	MELON, FRESH	2		
EBDC(ETU)	MUSHROOM, FRESH	13		
EBDC(ETU)	NECTARINE, FRESH	5		
EBDC(ETU)	ONION, FRESH	5		
EBDC(ETU)	ONION, FRESH GREEN	1		
EBDC(ETU)	PARSNIP, FRESH	6		
EBDC(ETU)	PEA, FRESH	2		
EBDC(ETU)	PEACH, FRESH	4		
EBDC(ETU)	PEAR, FRESH	6		
EBDC(ETU)	PEPPER, FRESH	2		
EBDC(ETU)	PEPPER, FRESH (GH)	12		
EBDC(ETU)	PLUM, FRESH	7		
EBDC(ETU)	POTATO, FRESH	69	2	
EBDC(ETU)	PUMPKIN, FRESH	2		
EBDC(ETU)	RADISH, FRESH	3		
EBDC(ETU)	RASPBERRY, FRESH	1		
EBDC(ETU)	RHUBARB, FRESH	2		
EBDC(ETU)	RUTABAGA, FRESH	7		
EBDC(ETU)	SHALLOT, FRESH	2	1	
EBDC(ETU)	SPINACH, FRESH	2		
EBDC(ETU)	SQUASH, FRESH	4		
EBDC(ETU)	STRAWBERRY, FRESH	4		
EBDC(ETU)	SWISS CHARD, FRESH	1		
EBDC(ETU)	TOMATO, FRESH	16		
EBDC(ETU)	TOMATO, FRESH (GH)	4		
EBDC(ETU)	WATERMELON, FRESH	1		
EBDC(ETU)	ZUCCHINI, FRESH	2		
FORMETANATE	APPLES, FRESH	94		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
FORMETANATE	APRICOT, FRESH	3		
FORMETANATE	ASPARAGUS, FRESH	2		
FORMETANATE	BEAN SPROUT, FRESH	4		
FORMETANATE	BEAN, FRESH	3		
FORMETANATE	BEET, FRESH	1		
FORMETANATE	BLUEBERRY, FRESH	2		
FORMETANATE	BROCCOLI, FRESH	2		
FORMETANATE	BRUSSELS SPROUT, FRESH	5	1	
FORMETANATE	CABBAGE, FRESH	8		
FORMETANATE	CABBAGE, FRESH CHINESE	3		
FORMETANATE	CARROT, FRESH	2		
FORMETANATE	CAULIFLOWER, FRESH	2		
FORMETANATE	CELERY, FRESH	1		
FORMETANATE	CHERRY, FRESH	8		
FORMETANATE	CORN, FRESH SWEET	5		
FORMETANATE	CRANBERRY, FRESH	2		
FORMETANATE	CUCUMBER, FRESH	2		
FORMETANATE	CUCUMBER, FRESH (GH)	7		
FORMETANATE	LETTUCE, FRESH	4		
FORMETANATE	MELON, FRESH	2		
FORMETANATE	MUSHROOM, FRESH	4		
FORMETANATE	NECTARINE, FRESH	5		
FORMETANATE	ONION, FRESH	3		
FORMETANATE	ONION, FRESH GREEN	2		
FORMETANATE	PARSNIP, FRESH	4		
FORMETANATE	PEA, FRESH	1		
FORMETANATE	PEACH, FRESH	4		
FORMETANATE	PEAR, FRESH	7		
FORMETANATE	PEPPER, FRESH	2		
FORMETANATE	PEPPER, FRESH (GH)	9		
FORMETANATE	PLUM, FRESH	7		
FORMETANATE	POTATO, FRESH	39	1	
FORMETANATE	PUMPKIN, FRESH	2		
FORMETANATE	RADISH, FRESH	4		
FORMETANATE	RASPBERRY, FRESH	1		
FORMETANATE	RHUBARB, FRESH	2		
FORMETANATE	RUTABAGA, FRESH	4		
FORMETANATE	SHALLOT, FRESH	1		
FORMETANATE	SPINACH, FRESH	2		
FORMETANATE	SQUASH, FRESH	5	1	
FORMETANATE	STRAWBERRY, FRESH	4		
FORMETANATE	SWISS CHARD, FRESH	1		
FORMETANATE	TOMATO, FRESH	16		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
FORMETANATE	TOMATO, FRESH (GH)	3		
FORMETANATE	WATERMELON, FRESH	1		
FORMETANATE	ZUCCHINI, FRESH	2		
PESTICIDES-F052	APPLES, FRESH	267	302	
PESTICIDES-F052	APRICOT, FRESH	20	29	
PESTICIDES-F052	ASPARAGUS, FRESH	20	7	
PESTICIDES-F052	BEAN SPROUT, FRESH	17		
PESTICIDES-F052	BEAN, FRESH	19	1	
PESTICIDES-F052	BEET, FRESH	20	4	
PESTICIDES-F052	BLUEBERRY, FRESH	14	7	
PESTICIDES-F052	BROCCOLI, FRESH	13	5	
PESTICIDES-F052	BRUSSELS SPROUT, FRESH	12	3	
PESTICIDES-F052	CABBAGE, FRESH	16	9	
PESTICIDES-F052	CABBAGE, FRESH CHINESE	10	5	1
PESTICIDES-F052	CANTALOUPE, FRESH	2	2	
PESTICIDES-F052	CARROT, FRESH	15	10	
PESTICIDES-F052	CAULIFLOWER, FRESH	13	1	
PESTICIDES-F052	CELERY, FRESH	12	19	
PESTICIDES-F052	CHERRY, FRESH	24	46	
PESTICIDES-F052	CORN, FRESH SWEET	25	2	
PESTICIDES-F052	CRANBERRY, FRESH	8	2	
PESTICIDES-F052	CUCUMBER, FRESH	14	7	
PESTICIDES-F052	CUCUMBER, FRESH (GH)	28	16	
PESTICIDES-F052	EGGPLANT, FRESH	1		
PESTICIDES-F052	GARLIC, FRESH	3		
PESTICIDES-F052	GRAPE, FRESH	7	15	
PESTICIDES-F052	LETTUCE, FRESH	29	22	
PESTICIDES-F052	MELON, FRESH	3		
PESTICIDES-F052	MUSHROOM, FRESH	23	3	
PESTICIDES-F052	NECTARINE, FRESH	12	12	
PESTICIDES-F052	ONION, FRESH	16		
PESTICIDES-F052	ONION, FRESH GREEN	11	2	1
PESTICIDES-F052	PARSNIP, FRESH	21	12	
PESTICIDES-F052	PEA, FRESH	6	2	
PESTICIDES-F052	PEACH, FRESH	24	21	
PESTICIDES-F052	PEAR, FRESH	32	24	
PESTICIDES-F052	PEPPER, FRESH	13	5	
PESTICIDES-F052	PEPPER, FRESH (GH)	34	1	
PESTICIDES-F052	PEPPER, FRESH HOT	1		
PESTICIDES-F052	PLUM, FRESH	19	15	
PESTICIDES-F052	POTATO, FRESH	181	182	1
PESTICIDES-F052	PUMPKIN, FRESH	4	4	
PESTICIDES-F052	RADISH, FRESH	14	7	

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
PESTICIDES-F052	RASPBERRY, FRESH	8	9	2
PESTICIDES-F052	RHUBARB, FRESH	13	4	1
PESTICIDES-F052	RUTABAGA, FRESH	19	5	
PESTICIDES-F052	SASKATOON BERRY, FRESH	2	2	
PESTICIDES-F052	SHALLOT, FRESH	3		
PESTICIDES-F052	SPINACH, FRESH	12	10	
PESTICIDES-F052	SQUASH, FRESH	19	15	
PESTICIDES-F052	STRAWBERRY, FRESH	15	34	
PESTICIDES-F052	SWISS CHARD, FRESH	4	1	
PESTICIDES-F052	TOMATO, FRESH	60	13	
PESTICIDES-F052	TOMATO, FRESH (GH)	30	3	
PESTICIDES-F052	WATERMELON, FRESH	3		
PESTICIDES-F052	ZUCCHINI, FRESH	10	21	
THIABENDAZOLE	APPLES, FRESH	124	15	
THIABENDAZOLE	APRICOT, FRESH	3	2	2
THIABENDAZOLE	ASPARAGUS, FRESH	2		
THIABENDAZOLE	BEAN SPROUT, FRESH	8		
THIABENDAZOLE	BEAN, FRESH	3		
THIABENDAZOLE	BEET, FRESH	4		
THIABENDAZOLE	BLUEBERRY, FRESH	2		
THIABENDAZOLE	BROCCOLI, FRESH	2		
THIABENDAZOLE	BRUSSELS SPROUT, FRESH	3		
THIABENDAZOLE	CABBAGE, FRESH	9		
THIABENDAZOLE	CABBAGE, FRESH CHINESE	3		
THIABENDAZOLE	CARROT, FRESH	4		
THIABENDAZOLE	CAULIFLOWER, FRESH	1		
THIABENDAZOLE	CELERY, FRESH	1		
THIABENDAZOLE	CHERRY, FRESH	8		
THIABENDAZOLE	CORN, FRESH SWEET	5		
THIABENDAZOLE	CRANBERRY, FRESH	1		
THIABENDAZOLE	CUCUMBER, FRESH	3		
THIABENDAZOLE	CUCUMBER, FRESH (GH)	9		
THIABENDAZOLE	EGGPLANT, FRESH	1		
THIABENDAZOLE	LETTUCE, FRESH	4		
THIABENDAZOLE	MELON, FRESH	2		
THIABENDAZOLE	MUSHROOM, FRESH	11		
THIABENDAZOLE	NECTARINE, FRESH	5	1	1
THIABENDAZOLE	ONION, FRESH	4		
THIABENDAZOLE	ONION, FRESH GREEN	1		
THIABENDAZOLE	PARSNIP, FRESH	11	2	
THIABENDAZOLE	PEA, FRESH	2		
THIABENDAZOLE	PEACH, FRESH	4		
THIABENDAZOLE	PEAR, FRESH	15		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
THIABENDAZOLE	PEPPER, FRESH	3		
THIABENDAZOLE	PEPPER, FRESH (GH)	10		
THIABENDAZOLE	PLUM, FRESH	8		
THIABENDAZOLE	POTATO, FRESH	67	5	1
THIABENDAZOLE	PUMPKIN, FRESH	2		
THIABENDAZOLE	RADISH, FRESH	3		
THIABENDAZOLE	RASPBERRY, FRESH	1		
THIABENDAZOLE	RHUBARB, FRESH	2		
THIABENDAZOLE	RUTABAGA, FRESH	9		
THIABENDAZOLE	SHALLOT, FRESH	2		
THIABENDAZOLE	SPINACH, FRESH	2		
THIABENDAZOLE	SQUASH, FRESH	4		
THIABENDAZOLE	STRAWBERRY, FRESH	4	1	
THIABENDAZOLE	SWISS CHARD, FRESH	1		
THIABENDAZOLE	TOMATO, FRESH	21		
THIABENDAZOLE	TOMATO, FRESH (GH)	4		
THIABENDAZOLE	WATERMELON, FRESH	1		
THIABENDAZOLE	ZUCCHINI, FRESH	2		
Total		5313	1288	25

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Directed Sampling Summary of Pesticide Residue Testing in Domestic Fresh Fruit & Vegetable Products

Program	Commodity	No. Tests	No. Positives	No. Violations
ALAR PRETEST	APPLES, FRESH	5		
EBDC(DC) PRETEST	MUSHROOM, FRESH	4	3	
EBDC(DC) PRETEST	RADISH, FRESH	4	4	
EBDC(DC) PRETEST	RUTABAGA, FRESH	1	1	
PESTICIDE PRETEST	PEACH, FRESH	5	5	
PESTICIDE PRETEST	TOMATO, FRESH	3		
PESTICIDE PRETEST	TOMATO, FRESH (GH)	2		
THIABENDAZOLE PRETEST	POTATO, FRESH	4	1	
Total		28	14	

Pesticide Residue Monitoring for Import Fresh Fruit & Vegetable Products

Program	Commodity	No.Tests	No. Positives	No. Violations
ABAMECTIN	APPLES, FRESH	10		
ABAMECTIN	CUCUMBER, FRESH	3		
ABAMECTIN	LETTUCE, FRESH	2		
ABAMECTIN	PAPAYA, FRESH	1		
ABAMECTIN	PEAR, FRESH	5	1	
ABAMECTIN	STRAWBERRY, FRESH	3		
ABAMECTIN	TOMATO, FRESH	4		
ABAMECTIN	TOMATO, FRESH (GH)	1		
ALAR	APPLES, FRESH	29		
ALAR	APRICOT, FRESH	2		
ALAR	ASPARAGUS, FRESH	1		
ALAR	AVOCADO, FRESH	1		
ALAR	BANANA, FRESH	6		
ALAR	BEAN, FRESH	1		
ALAR	BLACKBERRY, FRESH	3		
ALAR	BLUEBERRY, FRESH	3		
ALAR	BROCCOLI, FRESH	1		
ALAR	BRUSSELS SPROUT, FRESH	8		
ALAR	CABBAGE, FRESH	1		
ALAR	CARROT, FRESH	2		
ALAR	CAULIFLOWER, FRESH	2		
ALAR	CHERRY, FRESH	2		
ALAR	CHICKOOS, FRESH	1		
ALAR	CORN, FRESH SWEET	1		
ALAR	CRANBERRY, FRESH	1		
ALAR	CUCUMBER, FRESH	3		
ALAR	DRAGONFRUIT, FRESH	3		
ALAR	EGGPLANT, FRESH	2		
ALAR	ENDIVE, FRESH	1		
ALAR	FIG, FRESH	1		
ALAR	GARLIC, FRESH	6		
ALAR	GINGER, FRESH	2		
ALAR	GOOSEBERRY, FRESH	1		
ALAR	GRAPE, FRESH	50		
ALAR	GRAPEFRUIT, FRESH	2		
ALAR	GUAVA, FRESH	6		
ALAR	HONEYDEW MELON, FRESH	3		
ALAR	KIWIFRUIT, FRESH	5		
ALAR	LEMON, FRESH	7		
ALAR	LETTUCE, FRESH	9		
ALAR	LYCHEE, FRESH	1		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
ALAR	MANGO, FRESH	9		
ALAR	MELON, FRESH	4		
ALAR	NECTARINE, FRESH	9		
ALAR	ONION, FRESH	2		
ALAR	ONION, FRESH GREEN	1		
ALAR	ORANGE, FRESH	10		
ALAR	PAPAYA, FRESH	6		
ALAR	PEA, FRESH	3		
ALAR	PEACH, FRESH	11		
ALAR	PEAR, FRESH	33		
ALAR	PEAR, FRESH ASIAN	6		
ALAR	PEPPER, FRESH SWEET	3		
ALAR	PERSIMMON, FRESH	3		
ALAR	PINEAPPLE, FRESH	3		
ALAR	PLUM, FRESH	16		
ALAR	POMEGRANATE, FRESH	1		
ALAR	POMELO, FRESH	2		
ALAR	POTATO, FRESH	5		
ALAR	RADISH, FRESH	1		
ALAR	RASPBERRY, FRESH	1		
ALAR	SPINACH, FRESH	3		
ALAR	SQUASH, FRESH	2		
ALAR	STARFRUIT, FRESH	2		
ALAR	STRAWBERRY, FRESH	4		
ALAR	SWEET POTATO, FRESH	3		
ALAR	TARO ROOT, FRESH	1		
ALAR	TOMATO, FRESH	31		
ALAR	WATERMELON, FRESH	1		
ALAR	YUCCA/CASSAVA, FRESH	1		
AMITRAZ	APPLES, FRESH	31		
AMITRAZ	APRICOT, FRESH	2		
AMITRAZ	ARTICHOKE, FRESH	1		
AMITRAZ	ASPARAGUS, FRESH	5		
AMITRAZ	AVOCADO, FRESH	6		
AMITRAZ	BANANA, FRESH	5		
AMITRAZ	BEAN, FRESH	2		
AMITRAZ	BLACKBERRY, FRESH	1		
AMITRAZ	BLUEBERRY, FRESH	2		
AMITRAZ	BROCCOLI, FRESH	1		
AMITRAZ	BRUSSELS SPROUT, FRESH	1		
AMITRAZ	CABBAGE, FRESH	1		
AMITRAZ	CABBAGE, FRESH CHINESE	1		
AMITRAZ	CANTALOUPE, FRESH	2		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
AMITRAZ	CARROT, FRESH	2		
AMITRAZ	CAULIFLOWER, FRESH	1		
AMITRAZ	CELERY, FRESH	1		
AMITRAZ	CHERRY, FRESH	4		
AMITRAZ	CHICKOOS, FRESH	1		
AMITRAZ	CORN, FRESH SWEET	1		
AMITRAZ	CRANBERRY, FRESH	1		
AMITRAZ	CUCUMBER, FRESH	6		
AMITRAZ	DRAGONFRUIT, FRESH	4		
AMITRAZ	ENDIVE, FRESH	1		
AMITRAZ	FIG, FRESH	1		
AMITRAZ	GARLIC, FRESH	5		
AMITRAZ	GINGER, FRESH	4		
AMITRAZ	GOOSEBERRY, FRESH	1		
AMITRAZ	GRAPE, FRESH	61		
AMITRAZ	GRAPEFRUIT, FRESH	11		
AMITRAZ	GUAVA, FRESH	11		
AMITRAZ	HONEYDEW MELON, FRESH	2		
AMITRAZ	KIWIFRUIT, FRESH	6		
AMITRAZ	KUMQUATS, FRESH	1	1	
AMITRAZ	LEEK, FRESH	1		
AMITRAZ	LEMON, FRESH	3		
AMITRAZ	LETTUCE, FRESH	5		
AMITRAZ	LIME, FRESH	2		
AMITRAZ	LYCHEE, FRESH	1		
AMITRAZ	MANGO, FRESH	11		
AMITRAZ	MELON, FRESH	4		
AMITRAZ	MUSHROOM, FRESH	3		
AMITRAZ	NECTARINE, FRESH	16		
AMITRAZ	ONION, FRESH	4		
AMITRAZ	ORANGE, FRESH	71		
AMITRAZ	PAPAYA, FRESH	8		
AMITRAZ	PEA, FRESH	5		
AMITRAZ	PEACH, FRESH	14		
AMITRAZ	PEAR, FRESH	41		
AMITRAZ	PEAR, FRESH ASIAN	10		
AMITRAZ	PEPPER, FRESH SWEET	4		
AMITRAZ	PERSIMMON, FRESH	4		
AMITRAZ	PHYSALIS, FRESH	1		
AMITRAZ	PINEAPPLE, FRESH	3		
AMITRAZ	PLUM, FRESH	20		
AMITRAZ	POMEGRANATE, FRESH	2	1	
AMITRAZ	POMELO, FRESH	1		

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Program	Commodity	No.Tests	No. Positives	No. Violations
AMITRAZ	POTATO, FRESH	3		
AMITRAZ	RASPBERRY, FRESH	3		
AMITRAZ	SPINACH, FRESH	1		
AMITRAZ	SQUASH, FRESH	4		
AMITRAZ	STARFRUIT, FRESH	1		
AMITRAZ	SWEET POTATO, FRESH	6		
AMITRAZ	TOMATO, FRESH	45		
AMITRAZ	WATERMELON, FRESH	3		
AMITRAZ	YUCCA/CASSAVA, FRESH	1		
BENOMYL	APPLES, FRESH	64	9	
BENOMYL	APRICOT, FRESH	6	3	
BENOMYL	ARTICHOKE, FRESH	20		
BENOMYL	ASPARAGUS, FRESH	21		
BENOMYL	ATEMOYA, FRESH	1		
BENOMYL	AVOCADO, FRESH	25		
BENOMYL	BANANA, FRESH	33		
BENOMYL	BEAN, FRESH	24	6	
BENOMYL	BEET, FRESH	1		
BENOMYL	BLACKBERRY, FRESH	8	2	
BENOMYL	BLUEBERRY, FRESH	19	4	1
BENOMYL	BROCCOFLOWER, FRESH	3		
BENOMYL	BROCCOLI, FRESH	19	1	
BENOMYL	BRUSSELS SPROUT, FRESH	13	2	
BENOMYL	CABBAGE, FRESH	50		
BENOMYL	CABBAGE, FRESH CHINESE	12		
BENOMYL	CANTALOUPE, FRESH	15	4	
BENOMYL	CARROT, FRESH	35		
BENOMYL	CAULIFLOWER, FRESH	18		
BENOMYL	CELERY, FRESH	45		
BENOMYL	CHARD, FRESH	4		
BENOMYL	CHERRY, FRESH	15		
BENOMYL	CHESTNUTS, FRESH	1		
BENOMYL	CHICKOOS, FRESH	1		
BENOMYL	CHICORY, FRESH	2		
BENOMYL	COCONUT, FRESH	2	1	
BENOMYL	CORN, FRESH SWEET	6		
BENOMYL	CRANBERRY, FRESH	3		
BENOMYL	CUCUMBER, FRESH	37	9	
BENOMYL	DATE, FRESH	2		
BENOMYL	DRAGONFRUIT, FRESH	8		
BENOMYL	EGGPLANT, FRESH	12	1	
BENOMYL	ENDIVE, FRESH	8		
BENOMYL	FIG, FRESH	8		

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Program	Commodity	No.Tests	No. Positives	No. Violations
BENOMYL	GARLIC, FRESH	23		
BENOMYL	GINGER, FRESH	14	5	5
BENOMYL	GOOSEBERRY, FRESH	2		
BENOMYL	GRAPE, FRESH	96	2	
BENOMYL	GRAPEFRUIT, FRESH	30	1	
BENOMYL	GUAVA, FRESH	20	4	1
BENOMYL	HONEYDEW MELON, FRESH	14		
BENOMYL	JICAMA, FRESH	2		
BENOMYL	KALE, FRESH CHINESE	1		
BENOMYL	KIWIFRUIT, FRESH	28		
BENOMYL	KUMQUATS, FRESH	3	1	
BENOMYL	LEEK, FRESH	8		
BENOMYL	LEMON, FRESH	43	10	
BENOMYL	LETTUCE, FRESH	56		
BENOMYL	LIME, FRESH	9		
BENOMYL	LO-BOK, FRESH	2		
BENOMYL	LYCHEE, FRESH	6	1	
BENOMYL	MANGO, FRESH	22	1	
BENOMYL	MANGOSTEEN, FRESH	3		
BENOMYL	MELON, FRESH	71	8	
BENOMYL	MINT, FRESH	1		
BENOMYL	MUSHROOM, FRESH	14	1	
BENOMYL	NECTARINE, FRESH	20		
BENOMYL	OLIVES, FRESH	1		
BENOMYL	ONION, FRESH	15		
BENOMYL	ONION, FRESH GREEN	4		
BENOMYL	ORANGE, FRESH	126	10	
BENOMYL	PAPAYA, FRESH	27	4	1
BENOMYL	PASSIONFRUIT, FRESH	4	1	
BENOMYL	PEA, FRESH	42	17	13
BENOMYL	PEACH, FRESH	20	1	
BENOMYL	PEAR, FRESH	63	8	
BENOMYL	PEAR, FRESH ASIAN	14	2	
BENOMYL	PEPPER, FRESH HOT	8	2	2
BENOMYL	PEPPER, FRESH SWEET	53	3	1
BENOMYL	PERSIMMON, FRESH	8	1	
BENOMYL	PHYSALIS, FRESH	3		
BENOMYL	PINEAPPLE, FRESH	21		
BENOMYL	PLANTAIN, FRESH	3		
BENOMYL	PLUM, FRESH	21		
BENOMYL	POMEGRANATE, FRESH	4	2	1
BENOMYL	POMELO, FRESH	3	2	
BENOMYL	POTATO, FRESH	44		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
BENOMYL	RADISH, FRESH	8		
BENOMYL	RAMBUTAN, FRESH	2	1	
BENOMYL	RASPBERRY, FRESH	16	2	
BENOMYL	SPINACH, FRESH	17	1	
BENOMYL	SQUASH, FRESH	6		
BENOMYL	STARFRUIT, FRESH	9		
BENOMYL	STRAWBERRY, FRESH	46	16	
BENOMYL	SWEET POTATO, FRESH	12		
BENOMYL	TARO ROOT, FRESH	3	1	
BENOMYL	TOMATO, FRESH	79	3	
BENOMYL	WATERMELON, FRESH	33		
BENOMYL	YUCCA/CASSAVA, FRESH	1		
BENOMYL	ZUCCHINI, FRESH	5	1	
EBDC(DC)	APPLES, FRESH	70	7	
EBDC(DC)	APRICOT, FRESH	6	1	
EBDC(DC)	ARTICHOKE, FRESH	21	1	1
EBDC(DC)	ASPARAGUS, FRESH	25	2	
EBDC(DC)	ATEMOYA, FRESH	1		
EBDC(DC)	AVOCADO, FRESH	20		
EBDC(DC)	BANANA, FRESH	49	4	
EBDC(DC)	BASIL, FRESH	1		
EBDC(DC)	BEAN, FRESH	27	1	
EBDC(DC)	BEET, FRESH	7		
EBDC(DC)	BLACKBERRY, FRESH	9		
EBDC(DC)	BLUEBERRY, FRESH	19	2	
EBDC(DC)	BROCCOFLOWER, FRESH	3	1	
EBDC(DC)	BROCCOLI, FRESH	20	9	
EBDC(DC)	BRUSSELS SPROUT, FRESH	13	8	
EBDC(DC)	CABBAGE, FRESH	51	24	
EBDC(DC)	CABBAGE, FRESH CHINESE	14	4	
EBDC(DC)	CANTALOUPE, FRESH	17		
EBDC(DC)	CARROT, FRESH	38	3	
EBDC(DC)	CAULIFLOWER, FRESH	20	5	
EBDC(DC)	CELERY, FRESH	46		
EBDC(DC)	CHARD, FRESH	4	1	1
EBDC(DC)	CHERIMOYAS, FRESH	1		
EBDC(DC)	CHERRY, FRESH	14	1	
EBDC(DC)	CHESTNUTS, FRESH	1		
EBDC(DC)	CHICKOOS, FRESH	1		
EBDC(DC)	CHICORY, FRESH	2		
EBDC(DC)	COCONUT, FRESH	3		
EBDC(DC)	CORN, FRESH SWEET	5		
EBDC(DC)	CRANBERRY, FRESH	3		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(DC)	CUCUMBER, FRESH	45	2	
EBDC(DC)	DATE, FRESH	2		
EBDC(DC)	DRAGONFRUIT, FRESH	9		
EBDC(DC)	EGGPLANT, FRESH	15	1	
EBDC(DC)	ENDIVE, FRESH	7		
EBDC(DC)	FIG, FRESH	8	4	4
EBDC(DC)	GARLIC, FRESH	30	1	1
EBDC(DC)	GINGER, FRESH	15		
EBDC(DC)	GOOSEBERRY, FRESH	2		
EBDC(DC)	GRAPE, FRESH	112	8	
EBDC(DC)	GRAPEFRUIT, FRESH	31	5	4
EBDC(DC)	GUAVA, FRESH	20		
EBDC(DC)	HONEYDEW MELON, FRESH	16	1	
EBDC(DC)	JICAMA, FRESH	2		
EBDC(DC)	KALE, FRESH CHINESE	1		
EBDC(DC)	KIWIFRUIT, FRESH	32	2	1
EBDC(DC)	KUMQUATS, FRESH	3		
EBDC(DC)	LEEK, FRESH	19	2	2
EBDC(DC)	LEMON, FRESH	42	5	5
EBDC(DC)	LETTUCE, FRESH	69	3	
EBDC(DC)	LIME, FRESH	10		
EBDC(DC)	LO-BOK, FRESH	2	2	
EBDC(DC)	LYCHEE, FRESH	7	1	1
EBDC(DC)	MANGO, FRESH	21	1	
EBDC(DC)	MANGOSTEEN, FRESH	4		
EBDC(DC)	MELON, FRESH	77	3	
EBDC(DC)	MINT, FRESH	1		
EBDC(DC)	MUSHROOM, FRESH	16	3	2
EBDC(DC)	NECTARINE, FRESH	27	1	
EBDC(DC)	OLIVES, FRESH	1		
EBDC(DC)	ONION, FRESH	16	2	
EBDC(DC)	ONION, FRESH GREEN	11	1	
EBDC(DC)	ORANGE, FRESH	146	12	8
EBDC(DC)	PAPAYA, FRESH	27	14	
EBDC(DC)	PASSIONFRUIT, FRESH	4	1	1
EBDC(DC)	PEA, FRESH	45	13	
EBDC(DC)	PEACH, FRESH	26	1	
EBDC(DC)	PEAR, FRESH	69	9	
EBDC(DC)	PEAR, FRESH ASIAN	17	1	
EBDC(DC)	PEPPER, FRESH HOT	8	2	
EBDC(DC)	PEPPER, FRESH SWEET	56	8	
EBDC(DC)	PERSIMMON, FRESH	9	1	1
EBDC(DC)	PHYSALIS, FRESH	3		

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(DC)	PINEAPPLE, FRESH	25	3	3
EBDC(DC)	PLANTAIN, FRESH	3		
EBDC(DC)	PLUM, FRESH	27	1	
EBDC(DC)	POMEGRANATE, FRESH	3	1	
EBDC(DC)	POMELO, FRESH	5	1	1
EBDC(DC)	POTATO, FRESH	56	3	2
EBDC(DC)	PUMPKIN, FRESH	1		
EBDC(DC)	RADISH, FRESH	9	6	
EBDC(DC)	RAMBUTAN, FRESH	2		
EBDC(DC)	RASPBERRY, FRESH	20	1	
EBDC(DC)	SPINACH, FRESH	27		
EBDC(DC)	SQUASH, FRESH	8		
EBDC(DC)	STARFRUIT, FRESH	9	3	2
EBDC(DC)	STRAWBERRY, FRESH	58	7	
EBDC(DC)	SWEET POTATO, FRESH	15	2	2
EBDC(DC)	TARO ROOT, FRESH	3		
EBDC(DC)	TOMATO, FRESH	86	7	
EBDC(DC)	WATERMELON, FRESH	36	1	
EBDC(DC)	YUCCA/CASSAVA, FRESH	2		
EBDC(DC)	ZUCCHINI, FRESH	6		
EBDC(EBDC)	APPLES, FRESH	76	7	
EBDC(EBDC)	APRICOT, FRESH	8		
EBDC(EBDC)	ARTICHOKE, FRESH	23		
EBDC(EBDC)	ASPARAGUS, FRESH	26	1	
EBDC(EBDC)	ATEMOYA, FRESH	1		
EBDC(EBDC)	AVOCADO, FRESH	21		
EBDC(EBDC)	BANANA, FRESH	50	14	2
EBDC(EBDC)	BASIL, FRESH	1		
EBDC(EBDC)	BEAN, FRESH	31	7	1
EBDC(EBDC)	BEET, FRESH	7	3	
EBDC(EBDC)	BLACKBERRY, FRESH	10	1	
EBDC(EBDC)	BLUEBERRY, FRESH	24	1	
EBDC(EBDC)	BROCCOFLOWER, FRESH	4	1	
EBDC(EBDC)	BROCCOLI, FRESH	20	1	
EBDC(EBDC)	BRUSSELS SPROUT, FRESH	14	1	
EBDC(EBDC)	CABBAGE, FRESH	58	1	
EBDC(EBDC)	CABBAGE, FRESH CHINESE	15		
EBDC(EBDC)	CANTALOUPE, FRESH	18	3	
EBDC(EBDC)	CARROT, FRESH	38		
EBDC(EBDC)	CAULIFLOWER, FRESH	22		
EBDC(EBDC)	CELERY, FRESH	47		
EBDC(EBDC)	CHARD, FRESH	4	1	
EBDC(EBDC)	CHERIMOYAS, FRESH	1		

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(EBDC)	CHERRY, FRESH	17		
EBDC(EBDC)	CHESTNUTS, FRESH	1		
EBDC(EBDC)	CHICKOOS, FRESH	1		
EBDC(EBDC)	CHICORY, FRESH	2		
EBDC(EBDC)	COCONUT, FRESH	3		
EBDC(EBDC)	CORN, FRESH SWEET	5		
EBDC(EBDC)	CRANBERRY, FRESH	4		
EBDC(EBDC)	CUCUMBER, FRESH	51	18	
EBDC(EBDC)	DATE, FRESH	2		
EBDC(EBDC)	DRAGONFRUIT, FRESH	9		
EBDC(EBDC)	EGGPLANT, FRESH	16	2	
EBDC(EBDC)	ENDIVE, FRESH	8		
EBDC(EBDC)	FIG, FRESH	8		
EBDC(EBDC)	GARLIC, FRESH	30		
EBDC(EBDC)	GINGER, FRESH	15		
EBDC(EBDC)	GOOSEBERRY, FRESH	2		
EBDC(EBDC)	GRAPE, FRESH	127	4	
EBDC(EBDC)	GRAPEFRUIT, FRESH	33	2	1
EBDC(EBDC)	GUAVA, FRESH	21	2	
EBDC(EBDC)	HONEYDEW MELON, FRESH	16	1	
EBDC(EBDC)	JICAMA, FRESH	2		
EBDC(EBDC)	KALE, FRESH CHINESE	1		
EBDC(EBDC)	KIWIFRUIT, FRESH	33	1	
EBDC(EBDC)	KUMQUATS, FRESH	3		
EBDC(EBDC)	LEEK, FRESH	20	2	
EBDC(EBDC)	LEMON, FRESH	43	1	
EBDC(EBDC)	LETTUCE, FRESH	77	1	
EBDC(EBDC)	LIME, FRESH	12	1	
EBDC(EBDC)	LO-BOK, FRESH	2		
EBDC(EBDC)	LONGAN, FRESH	1		
EBDC(EBDC)	LYCHEE, FRESH	7	1	
EBDC(EBDC)	MANGO, FRESH	23		
EBDC(EBDC)	MANGOSTEEN, FRESH	4		
EBDC(EBDC)	MELON, FRESH	96	15	
EBDC(EBDC)	MINT, FRESH	1		
EBDC(EBDC)	MUSHROOM, FRESH	18	2	
EBDC(EBDC)	NECTARINE, FRESH	33	1	
EBDC(EBDC)	OLIVES, FRESH	1		
EBDC(EBDC)	ONION, FRESH	16		
EBDC(EBDC)	ONION, FRESH GREEN	12		
EBDC(EBDC)	ORANGE, FRESH	153	21	3
EBDC(EBDC)	PAPAYA, FRESH	28	14	8
EBDC(EBDC)	PASSIONFRUIT, FRESH	4		

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(EBDC)	PEA, FRESH	48	36	3
EBDC(EBDC)	PEACH, FRESH	30		
EBDC(EBDC)	PEAR, FRESH	70	10	
EBDC(EBDC)	PEAR, FRESH ASIAN	17	3	
EBDC(EBDC)	PEPPER, FRESH HOT	10	3	
EBDC(EBDC)	PEPPER, FRESH SWEET	66	15	
EBDC(EBDC)	PERSIMMON, FRESH	9		
EBDC(EBDC)	PHYSALIS, FRESH	3	1	
EBDC(EBDC)	PINEAPPLE, FRESH	26		
EBDC(EBDC)	PLANTAIN, FRESH	3		
EBDC(EBDC)	PLUM, FRESH	28		
EBDC(EBDC)	POMEGRANATE, FRESH	3	2	1
EBDC(EBDC)	POMELO, FRESH	5		
EBDC(EBDC)	POTATO, FRESH	59	8	1
EBDC(EBDC)	PUMPKIN, FRESH	1		
EBDC(EBDC)	RADISH, FRESH	9		
EBDC(EBDC)	RAMBUTAN, FRESH	2		
EBDC(EBDC)	RASPBERRY, FRESH	27	1	
EBDC(EBDC)	SPINACH, FRESH	32	2	
EBDC(EBDC)	SQUASH, FRESH	8	2	
EBDC(EBDC)	STARFRUIT, FRESH	9	2	1
EBDC(EBDC)	STRAWBERRY, FRESH	61	2	
EBDC(EBDC)	SWEET POTATO, FRESH	15		
EBDC(EBDC)	TARO ROOT, FRESH	3		
EBDC(EBDC)	TOMATO, FRESH	92	12	
EBDC(EBDC)	WATERMELON, FRESH	40	9	
EBDC(EBDC)	YUCCA/CASSAVA, FRESH	2		
EBDC(EBDC)	ZUCCHINI, FRESH	6		
EBDC(ETU)	APPLES, FRESH	62		
EBDC(ETU)	APRICOT, FRESH	4		
EBDC(ETU)	ARTICHOKE, FRESH	20		
EBDC(ETU)	ASPARAGUS, FRESH	21		
EBDC(ETU)	ATEMOYA, FRESH	1		
EBDC(ETU)	AVOCADO, FRESH	10		
EBDC(ETU)	BANANA, FRESH	31		
EBDC(ETU)	BASIL, FRESH	1		
EBDC(ETU)	BEAN, FRESH	23		
EBDC(ETU)	BEET, FRESH	3		
EBDC(ETU)	BLACKBERRY, FRESH	6		
EBDC(ETU)	BLUEBERRY, FRESH	17		
EBDC(ETU)	BROCCOFLOWER, FRESH	1		
EBDC(ETU)	BROCCOLI, FRESH	7		
EBDC(ETU)	BRUSSELS SPROUT, FRESH	5		

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(ETU)	CABBAGE, FRESH	44		
EBDC(ETU)	CABBAGE, FRESH CHINESE	5		
EBDC(ETU)	CANTALOUPE, FRESH	15		
EBDC(ETU)	CARROT, FRESH	33		
EBDC(ETU)	CAULIFLOWER, FRESH	15		
EBDC(ETU)	CELERY, FRESH	44		
EBDC(ETU)	CHARD, FRESH	1		
EBDC(ETU)	CHERIMOYAS, FRESH	1		
EBDC(ETU)	CHERRY, FRESH	13		
EBDC(ETU)	CHESTNUTS, FRESH	1		
EBDC(ETU)	CHICKOOS, FRESH	1		
EBDC(ETU)	CHICORY, FRESH	2		
EBDC(ETU)	COCONUT, FRESH	3		
EBDC(ETU)	CORN, FRESH SWEET	4		
EBDC(ETU)	CRANBERRY, FRESH	3		
EBDC(ETU)	CUCUMBER, FRESH	36	1	
EBDC(ETU)	DATE, FRESH	2		
EBDC(ETU)	DRAGONFRUIT, FRESH	8		
EBDC(ETU)	EGGPLANT, FRESH	5		
EBDC(ETU)	ENDIVE, FRESH	6		
EBDC(ETU)	FIG, FRESH	7		
EBDC(ETU)	GARLIC, FRESH	21		
EBDC(ETU)	GINGER, FRESH	12		
EBDC(ETU)	GOOSEBERRY, FRESH	1		
EBDC(ETU)	GRAPE, FRESH	87		
EBDC(ETU)	GRAPEFRUIT, FRESH	26		
EBDC(ETU)	GUAVA, FRESH	12		
EBDC(ETU)	HONEYDEW MELON, FRESH	12		
EBDC(ETU)	JICAMA, FRESH	2		
EBDC(ETU)	KALE, FRESH CHINESE	1		
EBDC(ETU)	KIWIFRUIT, FRESH	18		
EBDC(ETU)	KUMQUATS, FRESH	2		
EBDC(ETU)	LEEK, FRESH	17		
EBDC(ETU)	LEMON, FRESH	30		
EBDC(ETU)	LETTUCE, FRESH	58		
EBDC(ETU)	LIME, FRESH	7		
EBDC(ETU)	LO-BOK, FRESH	2		
EBDC(ETU)	LYCHEE, FRESH	5		
EBDC(ETU)	MANGO, FRESH	17		
EBDC(ETU)	MANGOSTEEN, FRESH	3		
EBDC(ETU)	MELON, FRESH	60		
EBDC(ETU)	MINT, FRESH	1		
EBDC(ETU)	MUSHROOM, FRESH	16		

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(ETU)	NECTARINE, FRESH	20		
EBDC(ETU)	OLIVES, FRESH	1		
EBDC(ETU)	ONION, FRESH	12		
EBDC(ETU)	ONION, FRESH GREEN	6		
EBDC(ETU)	ORANGE, FRESH	100		
EBDC(ETU)	PAPAYA, FRESH	23	6	
EBDC(ETU)	PASSIONFRUIT, FRESH	4		
EBDC(ETU)	PEA, FRESH	38	4	
EBDC(ETU)	PEACH, FRESH	18		
EBDC(ETU)	PEAR, FRESH	58		
EBDC(ETU)	PEAR, FRESH ASIAN	11		
EBDC(ETU)	PEPPER, FRESH HOT	6	1	1
EBDC(ETU)	PEPPER, FRESH SWEET	44	1	
EBDC(ETU)	PERSIMMON, FRESH	6		
EBDC(ETU)	PHYSALIS, FRESH	3		
EBDC(ETU)	PINEAPPLE, FRESH	20		
EBDC(ETU)	PLANTAIN, FRESH	3		
EBDC(ETU)	PLUM, FRESH	22		
EBDC(ETU)	POMEGRANATE, FRESH	1		
EBDC(ETU)	POMELO, FRESH	4		
EBDC(ETU)	POTATO, FRESH	43		
EBDC(ETU)	RADISH, FRESH	7		
EBDC(ETU)	RAMBUTAN, FRESH	2		
EBDC(ETU)	RASPBERRY, FRESH	14		
EBDC(ETU)	SPINACH, FRESH	22		
EBDC(ETU)	SQUASH, FRESH	6		
EBDC(ETU)	STARFRUIT, FRESH	8		
EBDC(ETU)	STRAWBERRY, FRESH	44		
EBDC(ETU)	SWEET POTATO, FRESH	11		
EBDC(ETU)	TARO ROOT, FRESH	3		
EBDC(ETU)	TOMATO, FRESH	68		
EBDC(ETU)	WATERMELON, FRESH	31		
EBDC(ETU)	YUCCA/CASSAVA, FRESH	2		
EBDC(ETU)	ZUCCHINI, FRESH	5		
FORMETANATE	APPLES, FRESH	40		
FORMETANATE	APRICOT, FRESH	3		
FORMETANATE	ARTICHOKE, FRESH	2		
FORMETANATE	ASPARAGUS, FRESH	4	1	
FORMETANATE	AVOCADO, FRESH	8		
FORMETANATE	BANANA, FRESH	13		
FORMETANATE	BEAN, FRESH	4		
FORMETANATE	BLACKBERRY, FRESH	1		
FORMETANATE	BLUEBERRY, FRESH	11		

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Program	Commodity	No.Tests	No. Positives	No. Violations
FORMETANATE	BROCCOFLOWER, FRESH	1		
FORMETANATE	BRUSSELS SPROUT, FRESH	8		
FORMETANATE	CABBAGE, FRESH	7		
FORMETANATE	CABBAGE, FRESH CHINESE	1		
FORMETANATE	CANTALOUPE, FRESH	6		
FORMETANATE	CAULIFLOWER, FRESH	6		
FORMETANATE	CELERY, FRESH	2		
FORMETANATE	CHERRY, FRESH	11		
FORMETANATE	CHESTNUTS, FRESH	1		
FORMETANATE	CHICKOOS, FRESH	1		
FORMETANATE	CHIVE, FRESH	1		
FORMETANATE	CORN, FRESH SWEET	1		
FORMETANATE	CRANBERRY, FRESH	3		
FORMETANATE	CUCUMBER, FRESH	8		
FORMETANATE	DRAGONFRUIT, FRESH	4		
FORMETANATE	EGGPLANT, FRESH	8		
FORMETANATE	ENDIVE, FRESH	2		
FORMETANATE	FIG, FRESH	2		
FORMETANATE	GARLIC, FRESH	9		
FORMETANATE	GINGER, FRESH	2		
FORMETANATE	GOOSEBERRY, FRESH	1		
FORMETANATE	GRAPE, FRESH	62		
FORMETANATE	GRAPEFRUIT, FRESH	19	1	
FORMETANATE	GUAVA, FRESH	13		
FORMETANATE	HONEYDEW MELON, FRESH	6		
FORMETANATE	KIWIFRUIT, FRESH	22		
FORMETANATE	KUMQUATS, FRESH	1		
FORMETANATE	LEEK, FRESH	4		
FORMETANATE	LEMON, FRESH	20		
FORMETANATE	LETTUCE, FRESH	12		
FORMETANATE	LIME, FRESH	5		
FORMETANATE	LYCHEE, FRESH	2		
FORMETANATE	MANGO, FRESH	15		
FORMETANATE	MANGOSTEEN, FRESH	1		
FORMETANATE	MELON, FRESH	56		
FORMETANATE	MUSHROOM, FRESH	5	1	
FORMETANATE	NECTARINE, FRESH	15	2	
FORMETANATE	ONION, FRESH	3		
FORMETANATE	ORANGE, FRESH	86	1	
FORMETANATE	PAPAYA, FRESH	13		
FORMETANATE	PASSIONFRUIT, FRESH	2		
FORMETANATE	PEA, FRESH	8		
FORMETANATE	PEACH, FRESH	17	1	

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Program	Commodity	No.Tests	No. Positives	No. Violations
FORMETANATE	PEAR, FRESH	40		
FORMETANATE	PEAR, FRESH ASIAN	10		
FORMETANATE	PEPPER, FRESH HOT	2		
FORMETANATE	PEPPER, FRESH SWEET	9	1	1
FORMETANATE	PERSIMMON, FRESH	3		
FORMETANATE	PHYSALIS, FRESH	1		
FORMETANATE	PINEAPPLE, FRESH	6		
FORMETANATE	PITAHAYA, FRESH	1		
FORMETANATE	PLUM, FRESH	20		
FORMETANATE	POMEGRANATE, FRESH	1		
FORMETANATE	POMELO, FRESH	3		
FORMETANATE	POTATO, FRESH	8		
FORMETANATE	PUMPKIN, FRESH	1		
FORMETANATE	RADISH, FRESH	3		
FORMETANATE	RAMBUTAN, FRESH	1		
FORMETANATE	RASPBERRY, FRESH	3		
FORMETANATE	SPINACH, FRESH	2		
FORMETANATE	SQUASH, FRESH	4		
FORMETANATE	STARFRUIT, FRESH	2		
FORMETANATE	STRAWBERRY, FRESH	6		
FORMETANATE	SWEET POTATO, FRESH	6		
FORMETANATE	TOMATO, FRESH	46	1	
FORMETANATE	WATERMELON, FRESH	4		
FORMETANATE	YUCCA/CASSAVA, FRESH	1		
PESTICIDES-F052	APPLES, FRESH	111	94	1
PESTICIDES-F052	APRICOT, FRESH	8	10	
PESTICIDES-F052	ARTICHOKE, FRESH	22	15	2
PESTICIDES-F052	ASPARAGUS, FRESH	32		
PESTICIDES-F052	ATEMOYA, FRESH	1		
PESTICIDES-F052	AVOCADO, FRESH	35		
PESTICIDES-F052	BANANA, FRESH	83	12	
PESTICIDES-F052	BASIL, FRESH	1		
PESTICIDES-F052	BEAN, FRESH	37	50	5
PESTICIDES-F052	BEET, FRESH	9	2	
PESTICIDES-F052	BLACKBERRY, FRESH	12	25	1
PESTICIDES-F052	BLUEBERRY, FRESH	26	34	6
PESTICIDES-F052	BROCCOFLOWER, FRESH	3		
PESTICIDES-F052	BROCCOLI, FRESH	22	11	
PESTICIDES-F052	BRUSSELS SPROUT, FRESH	19	9	1
PESTICIDES-F052	CABBAGE, FRESH	58	23	2
PESTICIDES-F052	CABBAGE, FRESH CHINESE	18	13	1
PESTICIDES-F052	CANTALOUPE, FRESH	12	9	
PESTICIDES-F052	CARROT, FRESH	52	25	

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Program	Commodity	No.Tests	No. Positives	No. Violations
PESTICIDES-F052	CAULIFLOWER, FRESH	28	1	
PESTICIDES-F052	CELERY, FRESH	46	85	
PESTICIDES-F052	CHARD, FRESH	4	2	
PESTICIDES-F052	CHERIMOYAS, FRESH	1		
PESTICIDES-F052	CHERRY, FRESH	34	30	1
PESTICIDES-F052	CHESTNUTS, FRESH	1		
PESTICIDES-F052	CHICKOOS, FRESH	1		
PESTICIDES-F052	CHICORY, FRESH	2	2	
PESTICIDES-F052	CHIVE, FRESH	1	2	1
PESTICIDES-F052	COCONUT, FRESH	4		
PESTICIDES-F052	CORN, FRESH SWEET	12	3	
PESTICIDES-F052	CRANBERRY, FRESH	7	3	
PESTICIDES-F052	CUCUMBER, FRESH	60	79	1
PESTICIDES-F052	DATE, FRESH	3		
PESTICIDES-F052	DRAGONFRUIT, FRESH	12	2	
PESTICIDES-F052	EGGPLANT, FRESH	15	1	
PESTICIDES-F052	ENDIVE, FRESH	11	1	
PESTICIDES-F052	FIG, FRESH	11	2	
PESTICIDES-F052	GARLIC, FRESH	37	1	
PESTICIDES-F052	GINGER, FRESH	21	9	
PESTICIDES-F052	GOOSEBERRY, FRESH	4	1	
PESTICIDES-F052	GRAPE, FRESH	139	193	13
PESTICIDES-F052	GRAPEFRUIT, FRESH	65	83	1
PESTICIDES-F052	GUAVA, FRESH	25	17	4
PESTICIDES-F052	HONEYDEW MELON, FRESH	18	8	
PESTICIDES-F052	JICAMA, FRESH	2		
PESTICIDES-F052	KALE, FRESH CHINESE	1		
PESTICIDES-F052	KIWIFRUIT, FRESH	45	7	1
PESTICIDES-F052	KUMQUATS, FRESH	3	10	2
PESTICIDES-F052	LEEK, FRESH	24	5	2
PESTICIDES-F052	LEMON, FRESH	57	59	
PESTICIDES-F052	LETTUCE, FRESH	91	49	4
PESTICIDES-F052	LIME, FRESH	18	9	
PESTICIDES-F052	LO-BOK, FRESH	3		
PESTICIDES-F052	LONGAN, FRESH	2	2	1
PESTICIDES-F052	LYCHEE, FRESH	8	4	1
PESTICIDES-F052	MANGO, FRESH	27	2	
PESTICIDES-F052	MANGOSTEEN, FRESH	5	1	1
PESTICIDES-F052	MELON, FRESH	99	64	2
PESTICIDES-F052	MINT, FRESH	1	3	
PESTICIDES-F052	MUSHROOM, FRESH	24	5	
PESTICIDES-F052	NAGAIMO-ROOT, FRESH	1		
PESTICIDES-F052	NECTARINE, FRESH	33	45	2

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Program	Commodity	No.Tests	No. Positives	No. Violations
PESTICIDES-F052	OLIVES, FRESH	1		
PESTICIDES-F052	ONION, FRESH	25	2	
PESTICIDES-F052	ONION, FRESH GREEN	12	4	1
PESTICIDES-F052	ORANGE, FRESH	209	370	17
PESTICIDES-F052	PAPAYA, FRESH	38	13	
PESTICIDES-F052	PASSIONFRUIT, FRESH	6		
PESTICIDES-F052	PEA, FRESH	59	58	9
PESTICIDES-F052	PEACH, FRESH	32	40	
PESTICIDES-F052	PEAR, FRESH	107	121	6
PESTICIDES-F052	PEAR, FRESH ASIAN	16	3	
PESTICIDES-F052	PEPPER, FRESH HOT	12	5	
PESTICIDES-F052	PEPPER, FRESH SWEET	73	60	3
PESTICIDES-F052	PERSIMMON, FRESH	7	1	
PESTICIDES-F052	PHYSALIS, FRESH	3	1	
PESTICIDES-F052	PINEAPPLE, FRESH	39	20	1
PESTICIDES-F052	PLANTAIN, FRESH	3	2	
PESTICIDES-F052	PLUM, FRESH	24	23	3
PESTICIDES-F052	POMEGRANATE, FRESH	5		
PESTICIDES-F052	POMELO, FRESH	11	2	
PESTICIDES-F052	POTATO, FRESH	86	97	3
PESTICIDES-F052	PUMPKIN, FRESH	3	1	
PESTICIDES-F052	RADISH, FRESH	14	14	1
PESTICIDES-F052	RAMBUTAN, FRESH	3	1	
PESTICIDES-F052	RASPBERRY, FRESH	38	20	
PESTICIDES-F052	SPINACH, FRESH	34	78	10
PESTICIDES-F052	SQUASH, FRESH	21	11	
PESTICIDES-F052	STARFRUIT, FRESH	11	10	2
PESTICIDES-F052	STRAWBERRY, FRESH	75	144	14
PESTICIDES-F052	SWEET POTATO, FRESH	32	20	3
PESTICIDES-F052	TARO ROOT, FRESH	4	3	1
PESTICIDES-F052	THYME, FRESH	1	1	1
PESTICIDES-F052	TOMATO, FRESH	135	85	8
PESTICIDES-F052	TOMATO, FRESH (GH)	1		
PESTICIDES-F052	WATERMELON, FRESH	46	6	
PESTICIDES-F052	YUCCA/CASSAVA, FRESH	4		
PESTICIDES-F052	ZUCCHINI, FRESH	6	7	
THIABENDAZOLE	APPLES, FRESH	55	27	
THIABENDAZOLE	APRICOT, FRESH	2		
THIABENDAZOLE	ARTICHOKE, FRESH	16		
THIABENDAZOLE	ASPARAGUS, FRESH	20		
THIABENDAZOLE	AVOCADO, FRESH	22		
THIABENDAZOLE	BANANA, FRESH	39	18	
THIABENDAZOLE	BASIL, FRESH	1		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
THIABENDAZOLE	BEAN, FRESH	20		
THIABENDAZOLE	BEET, FRESH	7		
THIABENDAZOLE	BLACKBERRY, FRESH	8		
THIABENDAZOLE	BLUEBERRY, FRESH	18		
THIABENDAZOLE	BROCCOFLOWER, FRESH	2		
THIABENDAZOLE	BROCCOLI, FRESH	13	1	
THIABENDAZOLE	BRUSSELS SPROUT, FRESH	9		
THIABENDAZOLE	CABBAGE, FRESH	35		
THIABENDAZOLE	CABBAGE, FRESH CHINESE	9		
THIABENDAZOLE	CANTALOUPE, FRESH	11	3	2
THIABENDAZOLE	CARROT, FRESH	27	1	
THIABENDAZOLE	CAULIFLOWER, FRESH	17		
THIABENDAZOLE	CELERY, FRESH	34		
THIABENDAZOLE	CHARD, FRESH	3		
THIABENDAZOLE	CHERIMOYAS, FRESH	1		
THIABENDAZOLE	CHERRY, FRESH	11		
THIABENDAZOLE	CHESTNUTS, FRESH	1		
THIABENDAZOLE	CHICKOOS, FRESH	1		
THIABENDAZOLE	CHICORY, FRESH	2	1	
THIABENDAZOLE	COCONUT, FRESH	2		
THIABENDAZOLE	CORN, FRESH SWEET	5	1	
THIABENDAZOLE	CRANBERRY, FRESH	3		
THIABENDAZOLE	CUCUMBER, FRESH	35		
THIABENDAZOLE	DATE, FRESH	1		
THIABENDAZOLE	DRAGONFRUIT, FRESH	7		
THIABENDAZOLE	EGGPLANT, FRESH	11		
THIABENDAZOLE	ENDIVE, FRESH	8		
THIABENDAZOLE	FIG, FRESH	4		
THIABENDAZOLE	GARLIC, FRESH	25		
THIABENDAZOLE	GINGER, FRESH	12	1	
THIABENDAZOLE	GOOSEBERRY, FRESH	4		
THIABENDAZOLE	GRAPE, FRESH	77		
THIABENDAZOLE	GRAPEFRUIT, FRESH	26	14	
THIABENDAZOLE	GUAVA, FRESH	12		
THIABENDAZOLE	HONEYDEW MELON, FRESH	13		
THIABENDAZOLE	JICAMA, FRESH	1		
THIABENDAZOLE	KALE, FRESH CHINESE	1		
THIABENDAZOLE	KIWIFRUIT, FRESH	21		
THIABENDAZOLE	KUMQUATS, FRESH	2		
THIABENDAZOLE	LEEK, FRESH	17		
THIABENDAZOLE	LEMON, FRESH	25	6	
THIABENDAZOLE	LETTUCE, FRESH	53		
THIABENDAZOLE	LIME, FRESH	12		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
THIABENDAZOLE	LO-BOK, FRESH	2		
THIABENDAZOLE	LONGAN, FRESH	2		
THIABENDAZOLE	LYCHEE, FRESH	4		
THIABENDAZOLE	MANGO, FRESH	17	2	
THIABENDAZOLE	MANGOSTEEN, FRESH	2		
THIABENDAZOLE	MELON, FRESH	59	3	
THIABENDAZOLE	MUSHROOM, FRESH	12	1	
THIABENDAZOLE	NAGAIMO-ROOT, FRESH	1		
THIABENDAZOLE	NECTARINE, FRESH	14		
THIABENDAZOLE	OLIVES, FRESH	1		
THIABENDAZOLE	ONION, FRESH	13		
THIABENDAZOLE	ONION, FRESH GREEN	3		
THIABENDAZOLE	ORANGE, FRESH	113	62	
THIABENDAZOLE	PAPAYA, FRESH	18	8	2
THIABENDAZOLE	PEA, FRESH	22		
THIABENDAZOLE	PEACH, FRESH	18	2	
THIABENDAZOLE	PEAR, FRESH	51	20	
THIABENDAZOLE	PEAR, FRESH ASIAN	10		
THIABENDAZOLE	PEPPER, FRESH HOT	7		
THIABENDAZOLE	PEPPER, FRESH SWEET	34	1	
THIABENDAZOLE	PERSIMMON, FRESH	5		
THIABENDAZOLE	PHYSALIS, FRESH	3		
THIABENDAZOLE	PINEAPPLE, FRESH	18		
THIABENDAZOLE	PLANTAIN, FRESH	2	2	
THIABENDAZOLE	PLUM, FRESH	18		
THIABENDAZOLE	POMEGRANATE, FRESH	1		
THIABENDAZOLE	POMELO, FRESH	3	1	
THIABENDAZOLE	POTATO, FRESH	38	3	
THIABENDAZOLE	PUMPKIN, FRESH	2		
THIABENDAZOLE	RADISH, FRESH	8		
THIABENDAZOLE	RAMBUTAN, FRESH	3		
THIABENDAZOLE	RASPBERRY, FRESH	17		
THIABENDAZOLE	SPINACH, FRESH	16	2	
THIABENDAZOLE	SQUASH, FRESH	11	1	
THIABENDAZOLE	STARFRUIT, FRESH	5		
THIABENDAZOLE	STRAWBERRY, FRESH	43		
THIABENDAZOLE	SWEET POTATO, FRESH	14		
THIABENDAZOLE	THYME, FRESH	1		
THIABENDAZOLE	TOMATO, FRESH	59		
THIABENDAZOLE	WATERMELON, FRESH	21		
THIABENDAZOLE	YUCCA/CASSAVA, FRESH	3		
THIABENDAZOLE	ZUCCHINI, FRESH	6		
Total		13271	3164	233

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Directed Sampling Summary of Pesticide Residue Testing in Import Fresh Fruit & Vegetable Products

Program	Commodity	No. Tests	No. Positives	No. Violations
BENOMYL PRETEST	BLUEBERRY, FRESH	6		
BENOMYL PRETEST	LYCHEE, FRESH	1		
BENOMYL PRETEST	PEA, FRESH	16	2	2
BENOMYL PRETEST	STARFRUIT, FRESH	6		
EBDC(DC) PRETEST	ARTICHOKE, FRESH	5		
EBDC(DC) PRETEST	LEEK, FRESH	5	2	
EBDC(DC) PRETEST	MUSHROOM, FRESH	1	1	
EBDC(DC) PRETEST	ORANGE, FRESH	7	3	
EBDC(DC) PRETEST	PEA, FRESH	9	8	
EBDC(DC) PRETEST	POTATO, FRESH	5		
EBDC(DC) PRETEST	RADISH, FRESH	1	1	
EBDC(EBDC) PRETEST	ORANGE, FRESH	6	6	3
EBDC(EBDC) PRETEST	Papaya, FRESH	3	3	
EBDC(EBDC) PRETEST	PEA, FRESH	7	7	
EBDC(ETU) PRETEST	PAPAYA, FRESH	1	1	1
PESTICIDE PRETEST	APRICOT, FRESH	2	2	
PESTICIDE PRETEST	ARTICHOKE, FRESH	5	1	
PESTICIDE PRETEST	BEAN, FRESH	5		
PESTICIDE PRETEST	BLUEBERRY, FRESH	11	5	4
PESTICIDE PRETEST	CHERRY, FRESH	4		
PESTICIDE PRETEST	CUCUMBER, FRESH	4		
PESTICIDE PRETEST	GINGER, FRESH	2	2	1
PESTICIDE PRETEST	GRAPE, FRESH	23	1	1
PESTICIDE PRETEST	GRAPEFRUIT, FRESH	1	1	1
PESTICIDE PRETEST	HONEYDEW MELON, FRESH	4		
PESTICIDE PRETEST	LETTUCE, FRESH	9	2	
PESTICIDE PRETEST	MANGO, FRESH	1		
PESTICIDE PRETEST	MIXED VEGETABLES	1		
PESTICIDE PRETEST	MUSHROOM, FRESH	5		
PESTICIDE PRETEST	NECTARINE, FRESH	5		
PESTICIDE PRETEST	ORANGE, FRESH	19	4	1
PESTICIDE PRETEST	PEA, FRESH	7		
PESTICIDE PRETEST	PEAR, FRESH	8		
PESTICIDE PRETEST	PEPPER, FRESH SWEET	9		
PESTICIDE PRETEST	PINEAPPLE, FRESH	5		
PESTICIDE PRETEST	PLUM, FRESH	7	7	2
PESTICIDE PRETEST	RADISH, FRESH	5	3	
PESTICIDE PRETEST	SPINACH, FRESH	20	9	5
PESTICIDE PRETEST	STARFRUIT, FRESH	4		
PESTICIDE PRETEST	STRAWBERRY, FRESH	11	8	3
PESTICIDE PRETEST	SWEET POTATO, FRESH	5		
PESTICIDE PRETEST	TOMATO, FRESH	3		

Program	Commodity	No. Tests	No. Positives	No. Violations
PESTICIDE PRETEST	WATERMELON, FRESH	1		
THIABENDAZOLE PRETEST	KIWIFRUIT, FRESH	2		
THIABENDAZOLE PRETEST	MANGO, FRESH	2		
THIABENDAZOLE PRETEST	PAPAYA, FRESH	5	1	1
THIABENDAZOLE PRETEST	PEACH, FRESH	1		
THIABENDAZOLE PRETEST	SWEET POTATO, FRESH	2		
Total		277	80	25

Pesticide Prevalence in Domestic Fresh Fruit & Vegetable Products

Residue Found	No. Tests	No. Found	Mean	Minimum	Maximum	Violations
Ethylene Diamine	1005	180	0.5002	0.0840	9.7210	4
Dithiocarbamate	983	141	1.0261	0.0250	19.7000	10
Captan	1221	139	0.2856	0.0070	2.9600	1
Chlorpropham	1221	129	1.5636	0.0044	11.0000	
Diphenylamine	1221	87	0.2363	0.0014	2.3144	
Endosulfan Total	1221	78	0.0665	0.0017	0.6899	
Phosalone	1221	57	0.0573	0.0031	0.5200	
Myclobutanil	1221	42	0.0440	0.0017	0.3886	
p,p'-DDE	1221	36	0.0056	0.0011	0.0430	
Carbaryl	1221	35	0.2198	0.0008	2.7940	
Iprodione	1221	30	0.5425	0.0040	6.5700	
Thiabendazole	401	26	0.4864	0.0524	4.1000	4
Phosmet	1221	23	0.0437	0.0020	0.4379	
Chlorpyrifos	1221	17	0.0256	0.0022	0.1239	1
Metalaxyl	1221	14	0.0266	0.0010	0.1380	
Dieldrin	1221	14	0.0272	0.0032	0.0779	
Malathion	1221	13	0.0230	0.0020	0.1702	
Permethrin	1221	13	0.0811	0.0032	0.4680	
Diazinon	1221	10	0.0098	0.0021	0.0182	
Fenbuconazole	1221	10	0.0350	0.0046	0.1078	
p,p'-DDT	1221	10	0.0044	0.0012	0.0148	
Benomyl	341	10	0.1103	0.0028	0.4660	
Cypermethrin	1221	10	0.0236	0.0099	0.0480	
Azinphos-methyl	1221	9	0.0598	0.0139	0.1346	
Dimethoate	1221	9	0.2825	0.0110	1.3950	
Propiconazole	1221	7	0.0325	0.0050	0.1420	
Biphenyl	1221	6	0.0025	0.0023	0.0028	
Phorate sulfone	1221	5	0.0501	0.0102	0.1823	1
Trifluralin	1221	5	0.0135	0.0016	0.0360	
Pirimicarb	1221	5	0.0163	0.0020	0.0277	
Pentachloroaniline	1221	5	0.0056	0.0030	0.0090	
Fludioxonil	1221	5	0.0902	0.0026	0.2700	
Omethoate	1221	5	0.0781	0.0063	0.2498	
Cyprodinil	1221	5	0.0953	0.0470	0.1970	1
Chlorothalonil	1221	5	0.1707	0.0067	0.6300	
Folpet	1221	4	0.0128	0.0018	0.0337	
Dicofol	1221	4	0.5942	0.0802	2.1110	
Ethylene Thiourea	367	4	0.1213	0.0019	0.4300	1
2-phenylphenol (ortho-phenylphenol)	1221	4	0.0075	0.0028	0.0113	
Heptachlor epoxide exo	1221	4	0.0028	0.0017	0.0040	
o,p'-DDT	1221	4	0.0055	0.0025	0.0101	
Vinclozolin	1221	4	0.0743	0.0027	0.2620	
Pyridaben	1221	3	0.0161	0.0067	0.0299	
Dacthal (chlorthal-dimethyl)	1221	3	0.0064	0.0020	0.0143	

Residue Found	No. Tests	No. Found	Mean	Minimum	Maximum	Violations
Formetanate	297	3	0.0536	0.0206	0.0975	
Prometryne	1221	3	0.0066	0.0022	0.0122	
Cyhalothrin-lambda	1221	3	0.0193	0.0055	0.0436	
Methamidophos	1221	3	0.6753	0.0158	1.9900	1
Kresoxim-methyl	1221	3	0.0179	0.0122	0.0266	
Trifloxystrobin	1221	3	0.0031	0.0029	0.0032	
Acephate	1221	3	0.1173	0.0209	0.1709	1
Chlordane	1221	3	0.0036	0.0036	0.0037	
Azoxystrobin	1221	2	0.0123	0.0026	0.0220	
Phorate	1221	2	0.0202	0.0058	0.0345	
Pendimethalin	1221	2	0.0184	0.0098	0.0270	
Amitraz	307	2	0.0020	0.0017	0.0022	
Chlorthiamid	1221	2	0.0357	0.0252	0.0461	
Diazinon o analogue	1221	2	0.0397	0.0150	0.0643	
Fenpropathrin	1221	2	0.0629	0.0376	0.0882	
Oxamyl	1221	2	0.0028	0.0018	0.0037	
Methiocarb Sulfoxide	1221	2	0.0044	0.0008	0.0079	
Methomyl	1221	1	0.0215	0.0215	0.0215	
3-OH Carbofuran	1221	1	0.0063	0.0063	0.0063	
Abamectin	158	1	0.0050	0.0050	0.0050	
Aldicarb	1221	1	0.0560	0.0560	0.0560	
Aldicarb Sulfone	1221	1	0.0130	0.0130	0.0130	
Hexaconazole	1221	1	0.0025	0.0025	0.0025	
Imazalil	1221	1	0.0068	0.0068	0.0068	
p,p'-DDD (p,p'-TDE)	1221	1	0.0015	0.0015	0.0015	
Tebuconazole	1221	1	0.0460	0.0460	0.0460	
Propoxur	1221	1	0.0020	0.0020	0.0020	
Metolachlor	1221	1	0.0070	0.0070	0.0070	
Metribuzin	1221	1	0.0195	0.0195	0.0195	
Procymidone	1221	1	0.0163	0.0163	0.0163	
o,p'-DDE	1221	1	0.0007	0.0007	0.0007	
Dichloran	1221	1	0.0440	0.0440	0.0440	
Deltamethrin	1221	1	0.0940	0.0940	0.0940	
Bendiocarb	1221	1	0.0100	0.0100	0.0100	
Total		1288				25

Pesticide Prevalence in Import Fresh Fruit & Vegetable Products

Residue Found	No. Tests	No. Found	Mean	Minimum	Maximum	Violations
Ethylene Diamine	2164	239	0.5316	0.0560	4.7820	21
Imazalil	2763	235	0.9819	0.0061	4.7700	1
Dithiocarbamate	1995	220	0.8235	0.0250	8.7600	42
Thiabendazole	1461	181	0.3891	0.0050	2.9200	4
Benomyl	1750	154	0.2014	0.0030	1.9000	25
Chlorpyrifos	2763	123	0.0393	0.0012	0.5011	16
Endosulfan Total	2763	122	0.0961	0.0018	3.7200	3
Captan	2763	118	1.3316	0.0130	12.9000	14
Iprodione	2763	108	0.9654	0.0030	8.1600	8
Myclobutanil	2763	106	0.0561	0.0004	0.8340	
2-phenylphenol (ortho-phenylphenol)	2763	101	0.5084	0.0023	8.3470	
Diphenylamine	2763	74	0.2088	0.0008	1.8040	2
Azoxystrobin	2763	74	0.0595	0.0007	0.9130	7
Permethrin	2763	65	0.5448	0.0052	8.2800	3
Metalaxyl	2763	62	0.0367	0.0004	0.3790	
Chlorpropham	2763	59	1.7518	0.0018	10.4000	
Triadimenol	2763	51	0.0448	0.0033	0.1560	4
p,p'-DDE	2763	50	0.0051	0.0004	0.0578	
Cypermethrin	2763	48	0.1437	0.0060	0.7897	14
Dichloran	2763	48	0.4551	0.0002	5.3800	1
Methomyl	2763	45	0.0898	0.0007	0.7460	3
Carbaryl	2763	43	0.2113	0.0009	1.8260	1
Fludioxonil	2763	40	0.3014	0.0034	1.8890	1
Tebuconazole	2763	39	0.2272	0.0075	2.6980	1
Bifenthrin	2763	37	0.0288	0.0010	0.1290	1
Prochloraz	2763	32	0.3320	0.0030	2.9980	17
Dacthal (chlorthal-dimethyl)	2763	31	0.0111	0.0004	0.1098	1
Cyprodinil	2763	31	0.1395	0.0005	0.9750	1
Fenpropathrin	2763	29	0.0741	0.0022	0.7355	3
Trifloxystrobin	2763	26	0.0149	0.0008	0.0718	
Azinphos-methyl	2763	26	0.1112	0.0065	0.9330	
Propiconazole	2763	24	0.0687	0.0022	0.8950	1
Methidathion	2763	23	0.1187	0.0077	0.3170	
Malathion	2763	22	0.0516	0.0024	0.2880	2
Methamidophos	2763	21	0.1119	0.0200	0.8230	2
Phosmet	2763	21	0.1838	0.0122	1.6720	2
Buprofezin	2763	19	0.0362	0.0021	0.2410	2
Dicofol	2763	18	0.4421	0.0160	3.6760	
Fenvalerate	2763	15	0.0673	0.0036	0.1380	2
Esfenvalerate	2763	15	0.1009	0.0056	1.0000	1
Dimethoate	2763	15	0.1023	0.0043	0.4218	2
Bromopropylate	2763	14	0.0426	0.0009	0.1430	
Ethylene Thiourea	1537	13	0.0369	0.0110	0.1570	1
Procymidone	2763	12	0.1090	0.0031	0.4180	4

Residue Found	No. Tests	No. Found	Mean	Minimum	Maximum	Violations
Kresoxim-methyl	2763	12	0.0096	0.0018	0.0230	
Acephate	2763	12	0.1319	0.0189	0.2121	
Oxamyl	2763	11	0.0207	0.0016	0.0591	
Diazinon	2763	11	0.0091	0.0017	0.0440	
Chlorothalonil	2763	11	0.1351	0.0181	0.3405	3
Cyfluthrin (I,II,III,IV)	2763	10	0.1704	0.0164	0.4110	4
Trifluralin	2763	10	0.0106	0.0003	0.0486	
Formetanate	741	9	0.0838	0.0059	0.2840	1
Piperonyl butoxide	2763	9	0.2645	0.0031	1.6650	2
Biphenyl	2763	9	0.0033	0.0023	0.0063	
Cyhalothrin-lambda	2763	9	0.1593	0.0086	0.9900	1
Ethion	2763	8	0.1099	0.0070	0.3613	
Propargite	2763	8	0.1667	0.0330	0.8600	
Quintozene	2763	8	0.0146	0.0065	0.0380	
Profenofos	2763	8	0.0176	0.0063	0.0475	
Dieldrin	2763	7	0.0087	0.0028	0.0260	
Diazinon o analogue	2763	7	0.1295	0.0196	0.5025	1
Triazophos	2763	7	0.1896	0.0120	0.9830	2
Methiocarb	2763	7	0.0251	0.0036	0.0560	
Pyridaben	2763	7	0.0777	0.0055	0.4158	1
Carbofuran	2763	6	0.0141	0.0028	0.0280	
Omethoate	2763	6	0.0343	0.0099	0.0750	
Pentachloroaniline	2763	5	0.0051	0.0030	0.0096	
Fenbuconazole	2763	5	0.0237	0.0072	0.0573	
p,p'-DDT	2763	5	0.0038	0.0011	0.0086	
Flusilazole	2763	5	0.0057	0.0005	0.0116	
Aldicarb	2763	4	0.0138	0.0022	0.0310	
Tetradifon	2763	4	0.0326	0.0147	0.0585	
Dichlorvos	2763	4	0.0280	0.0120	0.0590	
Chlorpyriphos-methyl	2763	4	0.0848	0.0200	0.1610	1
Atrazine	2763	4	0.0055	0.0018	0.0150	
Methiocarb Sulfoxide	2763	4	0.0284	0.0012	0.0561	
Phorate sulfone	2763	4	0.0463	0.0026	0.1530	1
Endosulfan sulfate	2763	4	0.0581	0.0064	0.1387	
Penconazole	2763	3	0.0027	0.0016	0.0044	
BHC beta	2763	3	0.0155	0.0118	0.0210	
Aldicarb sulfoxide	2763	3	0.0822	0.0416	0.1170	
o,p'-DDT	2763	3	0.0032	0.0011	0.0050	
Chlordane	2763	3	0.0026	0.0025	0.0027	
Azinphos-ethyl	2763	2	0.0375	0.0210	0.0540	
BHC Alpha	2763	2	0.0281	0.0101	0.0460	
Amitraz	487	2	0.0538	0.0520	0.0556	
Captan metabolite	2763	2	0.5520	0.0530	1.0510	
3-OH Carbofuran	2763	2	0.0061	0.0018	0.0104	
Bendiocarb	2763	2	0.0205	0.0120	0.0290	
o,p'-DDE	2763	2	0.0012	0.0007	0.0016	

Residue Found	No. Tests	No. Found	Mean	Minimum	Maximum	Violations
Triadimefon	2763	2	0.0117	0.0110	0.0124	
Prothiophos	2763	2	0.0122	0.0032	0.0212	
Pirimiphos-methyl	2763	2	0.0276	0.0002	0.0550	
Pirimicarb	2763	2	0.0213	0.0189	0.0237	
p,p'-DDD (p,p'-TDE)	2763	2	0.0028	0.0011	0.0044	
delta-HCH (delta-lindane)	2763	2	0.0442	0.0254	0.0630	
Mirex	2763	2	0.0615	0.0270	0.0960	
Methyl Pentachlorophenyl sulphide	2763	2	0.0069	0.0052	0.0086	
Fenarimol	2763	2	0.0132	0.0073	0.0190	
Chlorthiamid	2763	1	0.0928	0.0928	0.0928	
Triflumizole	2763	1	0.0042	0.0042	0.0042	
Abamectin	29	1	0.0040	0.0040	0.0040	
Demeton-S-methyl	2763	1	0.0990	0.0990	0.0990	
Tetrasul	2763	1	0.0002	0.0002	0.0002	
Aldicarb Sulfone	2763	1	0.0278	0.0278	0.0278	
Tecnazene	2763	1	0.0022	0.0022	0.0022	
Simazine	2763	1	0.1080	0.1080	0.1080	1
Des-ethyl Atrazine	2763	1	0.0132	0.0132	0.0132	
Propyzamide	2763	1	0.0012	0.0012	0.0012	
Parathion-methyl	2763	1	0.1252	0.1252	0.1252	
Crotoxyphos	2763	1	0.0126	0.0126	0.0126	
Fenamiphos sulfone	2763	1	0.0070	0.0070	0.0070	
Permethrin trans	2763	1	2.4966	2.4966	2.4966	
Pendimethalin	2763	1	0.0024	0.0024	0.0024	
Fenamiphos sulfoxide	2763	1	1.0300	1.0300	1.0300	1
Diclofenthion	2763	1	0.0002	0.0002	0.0002	
Endosulfan alpha	2763	1	0.0369	0.0369	0.0369	
Endosulfan beta	2763	1	0.0297	0.0297	0.0297	
EPN	2763	1	0.1518	0.1518	0.1518	1
Linuron	2763	1	0.0304	0.0304	0.0304	
Folpet	2763	1	0.1100	0.1100	0.1100	
Fenamiphos	2763	1	0.0173	0.0173	0.0173	
Propoxur	2763	1	0.0017	0.0017	0.0017	
Total		3164				233

Summary of Metal and Element Prevalence in Domestic Fresh Fruit & Vegetable Products

Metal Found	No. Tests	No. Found	Mean	Min	Max	Violations[1]	Above Average[2]
Aluminum	755	647	5.1613	0.1020	142.4000		58
Arsenic	755	158	0.0171	0.0020	0.2100		1
Boron	755	735	2.0606	0.1430	13.3000		51
Cadmium	755	373	0.0234	0.0020	0.2114		7
Chromium	755	447	0.0605	0.0100	0.8430		
Copper	755	674	0.6901	0.0440	4.6180		
Iron	755	729	7.9090	0.5400	205.8000		19
Lead	755	286	0.0230	0.0020	0.9038		2
Manganese	755	744	2.0478	0.0900	114.1000		10
Mercury	585	0					
Nickel	755	446	0.1151	0.0100	4.9200		7
Selenium	755	51	0.0931	0.0020	0.5550		
Tin	755	245	0.0969	0.0060	9.0000		
Titanium	755	545	0.3891	0.0230	5.9050		3
Zinc	755	746	2.0877	0.1000	12.9100		
All Metals and Elements	11155	6826					158

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Summary of Metal and Element Prevalence in Import Fresh Fruit & Vegetable Products

Metal Found	No. Tests	No. Found	Mean	Min	Max	Violations[1]	Above Average[2]
Aluminum	1479	1144	3.3013	0.0900	413.4000		59
Arsenic	1479	362	0.0182	0.0010	0.2693		1
Boron	1479	1446	2.5080	0.1140	35.1700		157
Cadmium	1479	609	0.0301	0.0020	0.8900		21
Chromium	1479	800	0.0830	0.0100	9.0000		2
Copper	1479	1326	0.8285	0.0910	5.0200		
Iron	1479	1433	6.8175	0.5000	1020.0000		13
Lead	1479	432	0.0430	0.0010	5.8200		7
Manganese	1479	1460	2.8802	0.0310	156.0000		40
Mercury	964	0					
Nickel	1479	1106	0.1482	0.0070	17.6000		18
Selenium	1479	125	0.0779	0.0010	1.7600		2
Tin	1479	410	0.1022	0.0030	5.1110		
Titanium	1479	1079	0.4308	0.0100	22.3000		12
Zinc	1479	1458	2.2969	0.1170	89.0600		11
All Metals and Elements	21670	13190					343

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Pesticide Residue Monitoring in Fresh Fruit & Vegetable Products By Country

Country of Origin	No. Tests	No. Positives	Percent Positive	No. Violations	Percent Violations
PORTUGAL	12	10	83.33	3	25.00
HONG KONG	6	1	16.67	1	16.67
URUGUAY	24	14	58.33	2	8.33
MALAYSIA	28	5	17.86	2	7.14
TURKEY	14	2	14.29	1	7.14
KOREA, REP	45	9	20.00	3	6.67
INDIA	33	5	15.15	2	6.06
THAILAND	144	34	23.61	8	5.56
BELIZE	20	8	40.00	1	5.00
GUATEMALA	345	128	37.10	16	4.64
DOMINICAN REPUBLIC	135	35	25.93	6	4.44
CHINA	868	226	26.04	36	4.15
SPAIN	270	114	42.22	10	3.70
JAMAICA	54	7	12.96	2	3.70
TAIWAN	103	37	35.92	3	2.91
PANAMA	78	14	17.95	2	2.56
PERU	175	30	17.14	4	2.29
BRAZIL	216	37	17.13	4	1.85
COLOMBIA	119	13	10.92	2	1.68
CHILE	1248	291	23.32	19	1.52
COSTA RICA	329	46	13.98	5	1.52
MEXICO	1935	372	19.22	25	1.29
UNITED STATES	5058	1277	25.25	64	1.27
ARGENTINA	317	75	23.66	4	1.26
ITALY	192	44	22.92	2	1.04
NEW ZEALAND	99	21	21.21	1	1.01
SOUTH AFRICA	349	107	30.66	3	0.86
ECUADOR	140	21	15.00	1	0.71
CANADA	5313	1288	24.24	25	0.47
MOROCCO	254	89	35.04	1	0.39
NAMIBIA	1	3	300.00		
CYPRUS	3	6	200.00		
ZIMBABWE	2	3	150.00		
JAPAN	6	5	83.33		
BAHAMAS	4	3	75.00		
PAKISTAN	7	4	57.14		
CUBA	14	7	50.00		
EL SALVADOR	2	1	50.00		
GHANA	2	1	50.00		
GREENLAND	2	1	50.00		
NICARAGUA	12	3	25.00		

Country of Origin	No. Tests	No. Positives	Percent Positive	No. Violations	Percent Violations
AUSTRALIA	15	3	20.00		
BAHRAIN	10	2	20.00		
EGYPT	11	2	18.18		
HONDURAS	218	29	13.30		
ISRAEL	120	11	9.17		
BELGIUM	50	3	6.00		
FRANCE	22	1	4.55		
NETHERLANDS	54	2	3.70		
GREECE	32	1	3.13		
VIETNAM	36	1	2.78		
ALGERIA	12				
CENTRAL AFRICAN REPUBLIC	2				
HAITI	9				
KENYA	5				
TURKMENISTAN	2				
UNITED STATES VIRGIN ISLANDS	8				
All (Excluding Metals)	18584	4452		258	

Note - A value of greater than 100 % positive could occur if, for example, there were more than just single residues detected per sample. (An example might be if 10 samples each contained two residues, in which case the percent positives depicted here would be estimated at 200%. Such aberrations would only be likely in small sample sizes.)

Frequency of Occurrence of Multiple Pesticide Residues in a Single Sample

Origin	Commodity	No. Samples	No. Residues	No. Times Found
ARGENTINA	BLUEBERRY, FRESH	9	3	1
ARGENTINA	BLUEBERRY, FRESH	9	4	2
ARGENTINA	CABBAGE, FRESH	1	2	1
ARGENTINA	GRAPE, FRESH	6	2	1
ARGENTINA	GRAPEFRUIT, FRESH	6	2	3
ARGENTINA	GRAPEFRUIT, FRESH	6	3	3
ARGENTINA	LEMON, FRESH	2	3	1
ARGENTINA	ORANGE, FRESH	1	4	1
ARGENTINA	PEAR, FRESH	22	2	4
ARGENTINA	PEAR, FRESH	22	3	2
ARGENTINA	PEAR, FRESH	22	4	2
AUSTRALIA	ORANGE, FRESH	3	2	1
BAHAMAS	GRAPEFRUIT, FRESH	1	3	1
BAHRAIN	MELON, FRESH	1	2	1
BELGIUM	TOMATO, FRESH	3	2	1
BELIZE	PAPAYA, FRESH	6	3	2
BRAZIL	GRAPE, FRESH	6	2	1
BRAZIL	GRAPE, FRESH	6	3	1
BRAZIL	GUAVA, FRESH	6	2	1
BRAZIL	GUAVA, FRESH	6	3	1
BRAZIL	ORANGE, FRESH	3	2	1
BRAZIL	ORANGE, FRESH	3	3	1
BRAZIL	ORANGE, FRESH	3	4	1
BRAZIL	PAPAYA, FRESH	16	2	2
CANADA	APPLES, FRESH	326	2	48
CANADA	APPLES, FRESH	326	3	44
CANADA	APPLES, FRESH	326	4	21
CANADA	APPLES, FRESH	326	5	7
CANADA	APPLES, FRESH	326	6	1
CANADA	APRICOT, FRESH	20	2	1
CANADA	APRICOT, FRESH	20	3	3
CANADA	APRICOT, FRESH	20	4	2
CANADA	APRICOT, FRESH	20	5	1
CANADA	APRICOT, FRESH	20	6	1
CANADA	ASPARAGUS, FRESH	20	4	1
CANADA	BEET, FRESH	20	2	1
CANADA	BLUEBERRY, FRESH	14	2	1
CANADA	BLUEBERRY, FRESH	14	3	1
CANADA	BROCCOLI, FRESH	13	2	4
CANADA	BRUSSELS SPROUT, FRESH	12	2	2
CANADA	CABBAGE, FRESH	17	2	3
CANADA	CABBAGE, FRESH	17	3	1
CANADA	CABBAGE, FRESH CHINESE	10	2	1

Origin	Commodity	No. Samples	No. Residues	No. Times Found
CANADA	CABBAGE, FRESH CHINESE	10	3	1
CANADA	CABBAGE, FRESH CHINESE	10	4	1
CANADA	CANTALOUPE, FRESH	2	2	1
CANADA	CARROT, FRESH	15	2	1
CANADA	CARROT, FRESH	15	3	1
CANADA	CAULIFLOWER, FRESH	13	2	1
CANADA	CELERY, FRESH	12	2	2
CANADA	CELERY, FRESH	12	3	3
CANADA	CELERY, FRESH	12	4	1
CANADA	CELERY, FRESH	12	5	1
CANADA	CHERRY, FRESH	24	2	6
CANADA	CHERRY, FRESH	24	3	3
CANADA	CHERRY, FRESH	24	4	2
CANADA	CHERRY, FRESH	24	5	2
CANADA	CUCUMBER, FRESH	20	4	1
CANADA	CUCUMBER, FRESH (GH)	49	2	3
CANADA	CUCUMBER, FRESH (GH)	49	3	1
CANADA	GRAPE, FRESH	7	2	1
CANADA	GRAPE, FRESH	7	3	1
CANADA	GRAPE, FRESH	7	4	2
CANADA	GRAPE, FRESH	7	5	2
CANADA	LETTUCE, FRESH	42	2	4
CANADA	LETTUCE, FRESH	42	3	1
CANADA	LETTUCE, FRESH	42	5	1
CANADA	LETTUCE, FRESH	42	6	1
CANADA	MUSHROOM, FRESH	25	2	1
CANADA	NECTARINE, FRESH	12	2	1
CANADA	NECTARINE, FRESH	12	3	1
CANADA	NECTARINE, FRESH	12	4	1
CANADA	ONION, FRESH GREEN	12	2	2
CANADA	PARSNIP, FRESH	21	2	4
CANADA	PARSNIP, FRESH	21	3	1
CANADA	PEA, FRESH	7	2	3
CANADA	PEA, FRESH	7	4	1
CANADA	PEACH, FRESH	24	2	8
CANADA	PEACH, FRESH	24	3	1
CANADA	PEAR, FRESH	59	2	3
CANADA	PEAR, FRESH	59	3	3
CANADA	PEAR, FRESH	59	4	1
CANADA	PEPPER, FRESH	20	2	1
CANADA	PEPPER, FRESH	20	3	1
CANADA	PEPPER, FRESH HOT	1	2	1
CANADA	PLUM, FRESH	19	2	2
CANADA	PLUM, FRESH	19	4	1
CANADA	POTATO, FRESH	202	2	49

Origin	Commodity	No. Samples	No. Residues	No. Times Found
CANADA	POTATO, FRESH	202	3	13
CANADA	POTATO, FRESH	202	4	6
CANADA	POTATO, FRESH	202	6	2
CANADA	PUMPKIN, FRESH	4	4	1
CANADA	RADISH, FRESH	14	2	2
CANADA	RADISH, FRESH	14	3	1
CANADA	RASPBERRY, FRESH	8	2	2
CANADA	RASPBERRY, FRESH	8	4	1
CANADA	RUTABAGA, FRESH	21	2	1
CANADA	SPINACH, FRESH	12	2	4
CANADA	SQUASH, FRESH	20	2	2
CANADA	SQUASH, FRESH	20	3	1
CANADA	SQUASH, FRESH	20	4	1
CANADA	STRAWBERRY, FRESH	23	2	3
CANADA	STRAWBERRY, FRESH	23	3	2
CANADA	STRAWBERRY, FRESH	23	4	4
CANADA	STRAWBERRY, FRESH	23	6	1
CANADA	TOMATO, FRESH	67	2	3
CANADA	ZUCCHINI, FRESH	10	2	1
CANADA	ZUCCHINI, FRESH	10	3	2
CANADA	ZUCCHINI, FRESH	10	4	2
CANADA	ZUCCHINI, FRESH	10	5	1
CHILE	APPLES, FRESH	5	2	3
CHILE	APPLES, FRESH	5	3	1
CHILE	APRICOT, FRESH	6	3	1
CHILE	APRICOT, FRESH	6	4	1
CHILE	BLUEBERRY, FRESH	18	2	4
CHILE	BLUEBERRY, FRESH	18	3	1
CHILE	CHERRY, FRESH	13	3	1
CHILE	GRAPE, FRESH	83	2	17
CHILE	GRAPE, FRESH	83	3	9
CHILE	GRAPE, FRESH	83	4	5
CHILE	GRAPE, FRESH	83	5	2
CHILE	LEMON, FRESH	3	2	1
CHILE	NECTARINE, FRESH	31	2	2
CHILE	NECTARINE, FRESH	31	3	5
CHILE	ORANGE, FRESH	13	2	3
CHILE	ORANGE, FRESH	13	3	5
CHILE	PEACH, FRESH	31	2	4
CHILE	PEACH, FRESH	31	4	1
CHILE	PEACH, FRESH	31	5	1
CHILE	PEAR, FRESH	12	2	3
CHILE	PEAR, FRESH	12	3	1
CHILE	PEAR, FRESH	12	5	1
CHILE	PLUM, FRESH	25	2	3

Origin	Commodity	No. Samples	No. Residues	No. Times Found
CHILE	PLUM, FRESH	25	3	1
CHILE	RASPBERRY, FRESH	25	2	4
CHILE	RASPBERRY, FRESH	25	3	1
CHINA	APPLES, FRESH	8	2	3
CHINA	CABBAGE, FRESH CHINESE	2	2	1
CHINA	CHIVE, FRESH	1	2	1
CHINA	GINGER, FRESH	9	2	1
CHINA	GINGER, FRESH	9	3	2
CHINA	GRAPEFRUIT, FRESH	2	2	1
CHINA	KUMQUATS, FRESH	1	9	1
CHINA	LYCHEE, FRESH	4	5	1
CHINA	MUSHROOM, FRESH	6	2	1
CHINA	ORANGE, FRESH	28	2	2
CHINA	ORANGE, FRESH	28	3	6
CHINA	ORANGE, FRESH	28	4	5
CHINA	ORANGE, FRESH	28	5	3
CHINA	ORANGE, FRESH	28	6	3
CHINA	ORANGE, FRESH	28	7	1
CHINA	PEA, FRESH	36	2	7
CHINA	PEA, FRESH	36	3	4
CHINA	PEA, FRESH	36	4	1
CHINA	PEA, FRESH	36	5	3
CHINA	PEA, FRESH	36	7	1
CHINA	PEA, FRESH	36	8	1
CHINA	PEAR, FRESH ASIAN	19	2	1
CHINA	POMELO, FRESH	7	2	1
CHINA	SWEET POTATO, FRESH	1	2	1
COLOMBIA	TOMATO, FRESH	1	3	1
COSTA RICA	BANANA, FRESH	23	2	1
COSTA RICA	BANANA, FRESH	23	3	1
COSTA RICA	MELON, FRESH	20	2	2
COSTA RICA	PINEAPPLE, FRESH	24	2	4
CUBA	CUCUMBER, FRESH	2	2	1
CUBA	PEPPER, FRESH SWEET	1	4	1
CYPRUS	ORANGE, FRESH	2	3	2
DOMINICAN REPUBLIC	BEAN, FRESH	3	4	1
DOMINICAN REPUBLIC	CUCUMBER, FRESH	2	3	1
DOMINICAN REPUBLIC	EGGPLANT, FRESH	6	2	1
DOMINICAN REPUBLIC	MELON, FRESH	3	4	1
DOMINICAN REPUBLIC	PAPAYA, FRESH	2	5	1
DOMINICAN REPUBLIC	PEPPER, FRESH HOT	6	2	2
DOMINICAN REPUBLIC	PEPPER, FRESH HOT	6	4	1
DOMINICAN REPUBLIC	PEPPER, FRESH SWEET	2	2	1
ECUADOR	BANANA, FRESH	20	2	1
ECUADOR	MANGO, FRESH	5	2	1

Origin	Commodity	No. Samples	No. Residues	No. Times Found
ECUADOR	PAPAYA, FRESH	2	2	2
ECUADOR	PINEAPPLE, FRESH	1	2	1
ECUADOR	PLANTAIN, FRESH	3	2	2
EGYPT	ORANGE, FRESH	1	2	1
GUATEMALA	BANANA, FRESH	11	2	2
GUATEMALA	BANANA, FRESH	11	3	1
GUATEMALA	BLACKBERRY, FRESH	4	4	2
GUATEMALA	BLACKBERRY, FRESH	4	7	1
GUATEMALA	CANTALOUPE, FRESH	8	2	2
GUATEMALA	CANTALOUPE, FRESH	8	3	2
GUATEMALA	LETTUCE, FRESH	2	2	1
GUATEMALA	MELON, FRESH	27	2	9
GUATEMALA	MELON, FRESH	27	8	1
GUATEMALA	PAPAYA, FRESH	1	3	1
GUATEMALA	PEA, FRESH	21	2	3
GUATEMALA	PEA, FRESH	21	3	1
GUATEMALA	PEA, FRESH	21	5	3
GUATEMALA	PEA, FRESH	21	6	1
GUATEMALA	PEA, FRESH	21	7	1
GUATEMALA	SQUASH, FRESH	1	2	1
HONDURAS	BANANA, FRESH	15	2	1
HONDURAS	CANTALOUPE, FRESH	7	2	1
HONDURAS	CUCUMBER, FRESH	3	2	1
HONDURAS	MELON, FRESH	21	2	4
INDIA	POMEGRANATE, FRESH	3	2	1
INDIA	POMEGRANATE, FRESH	3	3	1
ISRAEL	KUMQUATS, FRESH	2	2	1
ISRAEL	ORANGE, FRESH	2	3	1
ISRAEL	ORANGE, FRESH	2	4	1
ITALY	GRAPE, FRESH	2	3	2
ITALY	PEAR, FRESH	12	2	4
ITALY	PEAR, FRESH	12	3	1
ITALY	PEAR, FRESH	12	4	3
ITALY	PEAR, FRESH	12	6	1
JAMAICA	TARO ROOT, FRESH	1	3	1
JAPAN	ORANGE, FRESH	1	5	1
KOREA, REP	ORANGE, FRESH	1	4	1
KOREA, REP	PEAR, FRESH	2	2	1
MALAYSIA	STARFRUIT, FRESH	6	2	1
MEXICO	BEAN, FRESH	12	2	3
MEXICO	BEAN, FRESH	12	4	1
MEXICO	BLACKBERRY, FRESH	9	2	1
MEXICO	BLACKBERRY, FRESH	9	4	1
MEXICO	BROCCOLI, FRESH	3	2	2
MEXICO	BRUSSELS SPROUT, FRESH	6	2	2

Origin	Commodity	No. Samples	No. Residues	No. Times Found
MEXICO	BRUSSELS SPROUT, FRESH	6	4	1
MEXICO	CABBAGE, FRESH	19	2	1
MEXICO	CABBAGE, FRESH	19	4	1
MEXICO	CARROT, FRESH	7	2	1
MEXICO	CELERY, FRESH	16	2	2
MEXICO	CUCUMBER, FRESH	46	2	10
MEXICO	CUCUMBER, FRESH	46	3	4
MEXICO	CUCUMBER, FRESH	46	4	3
MEXICO	CUCUMBER, FRESH	46	5	1
MEXICO	CUCUMBER, FRESH	46	6	1
MEXICO	GRAPE, FRESH	9	2	1
MEXICO	GUAVA, FRESH	7	2	1
MEXICO	GUAVA, FRESH	7	5	1
MEXICO	LEEK, FRESH	9	2	1
MEXICO	LEMON, FRESH	9	2	1
MEXICO	LEMON, FRESH	9	3	4
MEXICO	LIME, FRESH	12	2	1
MEXICO	MELON, FRESH	15	2	1
MEXICO	ONION, FRESH GREEN	8	2	2
MEXICO	PAPAYA, FRESH	6	2	1
MEXICO	PAPAYA, FRESH	6	3	1
MEXICO	PAPAYA, FRESH	6	5	2
MEXICO	PEA, FRESH	3	2	1
MEXICO	PEPPER, FRESH HOT	1	2	1
MEXICO	PEPPER, FRESH SWEET	14	2	3
MEXICO	PEPPER, FRESH SWEET	14	3	3
MEXICO	PEPPER, FRESH SWEET	14	4	2
MEXICO	PEPPER, FRESH SWEET	14	5	1
MEXICO	RADISH, FRESH	11	3	1
MEXICO	RADISH, FRESH	11	5	1
MEXICO	SPINACH, FRESH	8	2	1
MEXICO	SPINACH, FRESH	8	3	3
MEXICO	SQUASH, FRESH	9	2	1
MEXICO	STRAWBERRY, FRESH	30	2	5
MEXICO	STRAWBERRY, FRESH	30	3	4
MEXICO	STRAWBERRY, FRESH	30	4	2
MEXICO	STRAWBERRY, FRESH	30	5	1
MEXICO	TOMATO, FRESH	50	2	6
MEXICO	TOMATO, FRESH	50	3	1
MEXICO	TOMATO, FRESH	50	4	1
MEXICO	TOMATO, FRESH	50	5	1
MEXICO	ZUCCHINI, FRESH	2	3	1
MOROCCO	MINT, FRESH	1	3	1
MOROCCO	ORANGE, FRESH	47	2	20
MOROCCO	ORANGE, FRESH	47	3	8

Origin	Commodity	No. Samples	No. Residues	No. Times Found
MOROCCO	ORANGE, FRESH	47	4	1
MOROCCO	ORANGE, FRESH	47	5	1
MOROCCO	ZUCCHINI, FRESH	2	2	1
NAMIBIA	GRAPE, FRESH	1	3	1
NETHERLANDS	TOMATO, FRESH	7	2	1
NEW ZEALAND	APRICOT, FRESH	1	3	1
NEW ZEALAND	PEAR, FRESH	2	2	1
NEW ZEALAND	STRAWBERRY, FRESH	4	2	1
NEW ZEALAND	STRAWBERRY, FRESH	4	3	1
PAKISTAN	ORANGE, FRESH	3	4	1
PANAMA	BANANA, FRESH	2	2	1
PANAMA	MELON, FRESH	9	2	1
PERU	BEAN, FRESH	1	2	1
PERU	GRAPE, FRESH	1	4	1
PERU	ORANGE, FRESH	7	3	3
PERU	ORANGE, FRESH	7	4	1
PERU	PEA, FRESH	1	4	1
PORTUGAL	PEAR, FRESH	2	3	1
PORTUGAL	PEAR, FRESH	2	7	1
SOUTH AFRICA	APPLES, FRESH	4	4	1
SOUTH AFRICA	GRAPEFRUIT, FRESH	10	2	2
SOUTH AFRICA	GRAPEFRUIT, FRESH	10	3	4
SOUTH AFRICA	LEMON, FRESH	5	2	1
SOUTH AFRICA	LEMON, FRESH	5	3	1
SOUTH AFRICA	ORANGE, FRESH	28	2	4
SOUTH AFRICA	ORANGE, FRESH	28	3	14
SOUTH AFRICA	ORANGE, FRESH	28	4	3
SOUTH AFRICA	PEAR, FRESH	11	2	2
SPAIN	CUCUMBER, FRESH	2	3	1
SPAIN	CUCUMBER, FRESH	2	4	1
SPAIN	LEMON, FRESH	11	2	1
SPAIN	LEMON, FRESH	11	3	5
SPAIN	LEMON, FRESH	11	4	1
SPAIN	LEMON, FRESH	11	6	1
SPAIN	ORANGE, FRESH	13	2	1
SPAIN	ORANGE, FRESH	13	3	6
SPAIN	ORANGE, FRESH	13	4	2
SPAIN	PEPPER, FRESH SWEET	17	2	3
SPAIN	PEPPER, FRESH SWEET	17	3	2
SPAIN	PEPPER, FRESH SWEET	17	7	1
SPAIN	TOMATO, FRESH	13	2	5
SPAIN	TOMATO, FRESH	13	3	1
SPAIN	TOMATO, FRESH	13	4	1
SPAIN	TOMATO, FRESH	13	5	1
TAIWAN	ORANGE, FRESH	4	6	1

Origin	Commodity	No. Samples	No. Residues	No. Times Found
TAIWAN	ORANGE, FRESH	4	7	1
TAIWAN	ORANGE, FRESH	4	9	1
TAIWAN	STARFRUIT, FRESH	5	2	2
TAIWAN	STARFRUIT, FRESH	5	4	1
THAILAND	BEAN, FRESH	1	3	1
THAILAND	GINGER, FRESH	8	2	1
THAILAND	GRAPEFRUIT, FRESH	1	2	1
THAILAND	LONGAN, FRESH	3	2	1
THAILAND	ORANGE, FRESH	2	7	1
THAILAND	ORANGE, FRESH	2	8	1
UNITED STATES	APPLES, FRESH	102	2	20
UNITED STATES	APPLES, FRESH	102	3	7
UNITED STATES	APPLES, FRESH	102	4	4
UNITED STATES	ARTICHOKE, FRESH	22	2	2
UNITED STATES	ARTICHOKE, FRESH	22	3	2
UNITED STATES	ARTICHOKE, FRESH	22	4	1
UNITED STATES	BEAN, FRESH	21	2	4
UNITED STATES	BEAN, FRESH	21	3	2
UNITED STATES	BEAN, FRESH	21	4	1
UNITED STATES	BEAN, FRESH	21	5	2
UNITED STATES	BEAN, FRESH	21	6	1
UNITED STATES	BLACKBERRY, FRESH	1	4	1
UNITED STATES	BLUEBERRY, FRESH	4	2	2
UNITED STATES	BLUEBERRY, FRESH	4	3	1
UNITED STATES	BROCCOFLOWER, FRESH	5	2	1
UNITED STATES	BROCCOLI, FRESH	20	2	4
UNITED STATES	BRUSSELS SPROUT, FRESH	14	3	1
UNITED STATES	CABBAGE, FRESH	47	2	4
UNITED STATES	CABBAGE, FRESH	47	3	1
UNITED STATES	CABBAGE, FRESH	47	4	1
UNITED STATES	CABBAGE, FRESH CHINESE	18	2	2
UNITED STATES	CABBAGE, FRESH CHINESE	18	4	1
UNITED STATES	CARROT, FRESH	31	2	5
UNITED STATES	CELERY, FRESH	36	2	11
UNITED STATES	CELERY, FRESH	36	3	4
UNITED STATES	CELERY, FRESH	36	4	5
UNITED STATES	CELERY, FRESH	36	5	1
UNITED STATES	CELERY, FRESH	36	6	2
UNITED STATES	CHARD, FRESH	1	2	1
UNITED STATES	CHERRY, FRESH	24	2	3
UNITED STATES	CHERRY, FRESH	24	3	1
UNITED STATES	CHICORY, FRESH	1	2	1
UNITED STATES	CORN, FRESH SWEET	10	3	1
UNITED STATES	CRANBERRY, FRESH	8	3	1
UNITED STATES	CUCUMBER, FRESH	20	2	4

Origin	Commodity	No. Samples	No. Residues	No. Times Found
UNITED STATES	CUCUMBER, FRESH	20	3	1
UNITED STATES	CUCUMBER, FRESH	20	6	1
UNITED STATES	CUCUMBER, FRESH	20	8	1
UNITED STATES	FIG, FRESH	3	2	1
UNITED STATES	GRAPE, FRESH	49	2	12
UNITED STATES	GRAPE, FRESH	49	3	6
UNITED STATES	GRAPE, FRESH	49	5	1
UNITED STATES	GRAPEFRUIT, FRESH	40	2	6
UNITED STATES	GRAPEFRUIT, FRESH	40	3	4
UNITED STATES	GRAPEFRUIT, FRESH	40	4	3
UNITED STATES	GRAPEFRUIT, FRESH	40	8	1
UNITED STATES	LEMON, FRESH	25	2	6
UNITED STATES	LETTUCE, FRESH	106	2	8
UNITED STATES	LETTUCE, FRESH	106	3	3
UNITED STATES	LETTUCE, FRESH	106	4	2
UNITED STATES	LIME, FRESH	8	2	1
UNITED STATES	MELON, FRESH	20	3	1
UNITED STATES	MUSHROOM, FRESH	19	2	2
UNITED STATES	MUSHROOM, FRESH	19	3	1
UNITED STATES	NECTARINE, FRESH	14	2	4
UNITED STATES	NECTARINE, FRESH	14	3	2
UNITED STATES	NECTARINE, FRESH	14	4	1
UNITED STATES	ONION, FRESH	14	2	1
UNITED STATES	ORANGE, FRESH	50	2	22
UNITED STATES	ORANGE, FRESH	50	3	4
UNITED STATES	ORANGE, FRESH	50	5	1
UNITED STATES	PAPAYA, FRESH	4	2	1
UNITED STATES	PAPAYA, FRESH	4	3	1
UNITED STATES	PAPAYA, FRESH	4	4	1
UNITED STATES	PEA, FRESH	6	2	1
UNITED STATES	PEA, FRESH	6	4	1
UNITED STATES	PEACH, FRESH	14	2	5
UNITED STATES	PEACH, FRESH	14	4	1
UNITED STATES	PEAR, FRESH	43	2	10
UNITED STATES	PEAR, FRESH	43	3	4
UNITED STATES	PEAR, FRESH	43	4	6
UNITED STATES	PEPPER, FRESH SWEET	36	2	8
UNITED STATES	PEPPER, FRESH SWEET	36	3	2
UNITED STATES	POTATO, FRESH	92	2	18
UNITED STATES	POTATO, FRESH	92	3	4
UNITED STATES	POTATO, FRESH	92	4	3
UNITED STATES	POTATO, FRESH	92	5	2
UNITED STATES	RADISH, FRESH	3	6	1
UNITED STATES	RASPBERRY, FRESH	20	2	1
UNITED STATES	SPINACH, FRESH	33	2	6

Origin	Commodity	No. Samples	No. Residues	No. Times Found
UNITED STATES	SPINACH, FRESH	33	3	3
UNITED STATES	SPINACH, FRESH	33	4	2
UNITED STATES	SPINACH, FRESH	33	5	1
UNITED STATES	SPINACH, FRESH	33	6	1
UNITED STATES	SPINACH, FRESH	33	7	2
UNITED STATES	SPINACH, FRESH	33	9	1
UNITED STATES	SQUASH, FRESH	5	3	1
UNITED STATES	STRAWBERRY, FRESH	60	2	14
UNITED STATES	STRAWBERRY, FRESH	60	3	11
UNITED STATES	STRAWBERRY, FRESH	60	4	5
UNITED STATES	STRAWBERRY, FRESH	60	5	2
UNITED STATES	STRAWBERRY, FRESH	60	6	2
UNITED STATES	STRAWBERRY, FRESH	60	7	1
UNITED STATES	SWEET POTATO, FRESH	27	2	3
UNITED STATES	SWEET POTATO, FRESH	27	3	1
UNITED STATES	TOMATO, FRESH	76	2	6
UNITED STATES	TOMATO, FRESH	76	3	1
UNITED STATES	TOMATO, FRESH	76	4	1
UNITED STATES	TOMATO, FRESH	76	5	2
UNITED STATES	WATERMELON, FRESH	15	2	2
UNITED STATES	ZUCCHINI, FRESH	3	2	1
URUGUAY	LEMON, FRESH	3	2	2
URUGUAY	ORANGE, FRESH	3	2	2
URUGUAY	ORANGE, FRESH	3	5	1
ZIMBABWE	ORANGE, FRESH	1	3	1

Pesticide Residue Monitoring in Domestic Fresh Fruit & Vegetable Products By Specific Tests

APPLES, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	42	Abamectin					
ALAR	60	Daminozide					
AMITRAZ	88	Amitraz					
BENOMYL	100	Benomyl	4	0.0525	0.0068	0.0910	
EBDC(DC)	226	Dithiocarbamate	24	0.3697	0.0250	1.1600	
EBDC(EBDC)	236	Ethylene Diamine	72	0.3861	0.1190	1.3310	
EBDC(ETU)	107	Ethylene Thiourea					
FORMETANATE	94	Formetanate					
PESTICIDES-F052	267	Pesticide Screen	165				
PESTICIDES-F052	267	2-phenylphenol (ortho-phenylphenol)	1	0.0075	0.0075	0.0075	
PESTICIDES-F052	267	Azinphos-methyl	4	0.0377	0.0139	0.0860	
PESTICIDES-F052	267	Captan	98	0.2237	0.0100	2.9600	
PESTICIDES-F052	267	Carbaryl	2	0.0702	0.0467	0.0936	
PESTICIDES-F052	267	Chlorpyrifos	1	0.0047	0.0047	0.0047	
PESTICIDES-F052	267	Diazinon	1	0.0182	0.0182	0.0182	
PESTICIDES-F052	267	Dicofol	2	1.0956	0.0802	2.1110	
PESTICIDES-F052	267	Dimethoate	1	0.1260	0.1260	0.1260	
PESTICIDES-F052	267	Diphenylamine	86	0.2389	0.0014	2.3144	
PESTICIDES-F052	267	Endosulfan Total	4	0.0072	0.0017	0.0157	
PESTICIDES-F052	267	Fenpropathrin	2	0.0629	0.0376	0.0882	
PESTICIDES-F052	267	Folpet	2	0.0040	0.0018	0.0061	
PESTICIDES-F052	267	Malathion	10	0.0034	0.0020	0.0048	
PESTICIDES-F052	267	Myclobutanil	9	0.0052	0.0017	0.0121	
PESTICIDES-F052	267	Permethrin	1	0.0110	0.0110	0.0110	
PESTICIDES-F052	267	Phosalone	52	0.0585	0.0031	0.5200	
PESTICIDES-F052	267	Phosmet	19	0.0266	0.0020	0.0709	
PESTICIDES-F052	267	Pirimicarb	2	0.0256	0.0235	0.0277	
PESTICIDES-F052	267	Pyridaben	3	0.0161	0.0067	0.0299	
PESTICIDES-F052	267	Trifloxystrobin	2	0.0031	0.0029	0.0032	
THIABENDAZOLE	124	Thiabendazole	15	0.3124	0.0524	1.1400	

APRICOT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	3	Daminozide					
AMITRAZ	3	Amitraz					
BENOMYL	3	Benomyl					
EBDC(DC)	17	Dithiocarbamate	6	2.0400	0.1100	7.3100	1
EBDC(EBDC)	17	Ethylene Diamine					
EBDC(ETU)	3	Ethylene Thiourea					
FORMETANATE	3	Formetanate					
PESTICIDES-F052	20	Pesticide Screen	12				
PESTICIDES-F052	20	Azinphos-methyl	1	0.1346	0.1346	0.1346	
PESTICIDES-F052	20	Captan	1	1.1650	1.1650	1.1650	
PESTICIDES-F052	20	Carbaryl	4	0.0699	0.0080	0.1960	

APRICOT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	20	Endosulfan Total	9	0.1517	0.0052	0.6899	
PESTICIDES-F052	20	Iprodione	5	0.3391	0.0180	0.8700	
PESTICIDES-F052	20	Methiocarb Sulfoxide	1	0.0079	0.0079	0.0079	
PESTICIDES-F052	20	Myclobutanil	6	0.0190	0.0025	0.0524	
PESTICIDES-F052	20	Pirimicarb	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	20	Propiconazole	1	0.1420	0.1420	0.1420	
THIABENDAZOLE	3	Thiabendazole	2	1.4529	0.5280	2.3777	2

ASPARAGUS, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	18	Dithiocarbamate	1	0.8700	0.8700	0.8700	
EBDC(EBDC)	18	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	20	Pesticide Screen	4				
PESTICIDES-F052	20	Carbaryl	3	0.1881	0.0252	0.4100	
PESTICIDES-F052	20	o,p'-DDT	1	0.0025	0.0025	0.0025	
PESTICIDES-F052	20	p,p'-DDE	1	0.0137	0.0137	0.0137	
PESTICIDES-F052	20	p,p'-DDT	1	0.0038	0.0038	0.0038	
PESTICIDES-F052	20	Vinclozolin	1	0.0027	0.0027	0.0027	
THIABENDAZOLE	2	Thiabendazole					

BEAN SPROUT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	4	Daminozide					
AMITRAZ	3	Amitraz					
BENOMYL	5	Benomyl					
EBDC(DC)	14	Dithiocarbamate					
EBDC(EBDC)	17	Ethylene Diamine	1	0.6320	0.6320	0.6320	
EBDC(ETU)	7	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	17	Pesticide Screen					
THIABENDAZOLE	8	Thiabendazole					

BEAN, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	3	Daminozide					
AMITRAZ	3	Amitraz					
BENOMYL	3	Benomyl					

BEAN, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	16	Dithiocarbamate	1	0.1700	0.1700	0.1700	
EBDC(EBDC)	16	Ethylene Diamine					
EBDC(ETU)	3	Ethylene Thiourea					
FORMETANATE	3	Formetanate					
PESTICIDES-F052	19	Pesticide Screen	1				
PESTICIDES-F052	19	Vinclozolin	1	0.0272	0.0272	0.0272	
THIABENDAZOLE	3	Thiabendazole					

BEET, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	3	Benomyl					
EBDC(DC)	19	Dithiocarbamate	2	0.5600	0.1900	0.9300	
EBDC(EBDC)	19	Ethylene Diamine					
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	1	Formetanate					
PESTICIDES-F052	20	Pesticide Screen	4				
PESTICIDES-F052	20	Chlorpyrifos	1	0.0360	0.0360	0.0360	
PESTICIDES-F052	20	Dieldrin	1	0.0063	0.0063	0.0063	
PESTICIDES-F052	20	p,p'-DDE	1	0.0033	0.0033	0.0033	
PESTICIDES-F052	20	Permethrin	1	0.0107	0.0107	0.0107	
THIABENDAZOLE	4	Thiabendazole					

BLUEBERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	12	Dithiocarbamate					
EBDC(EBDC)	12	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	14	Pesticide Screen	4				
PESTICIDES-F052	14	Captan	4	0.3966	0.0620	0.9805	
PESTICIDES-F052	14	Cyprodinil	1	0.0470	0.0470	0.0470	
PESTICIDES-F052	14	Fludioxonil	1	0.0026	0.0026	0.0026	
PESTICIDES-F052	14	Metalaxyl	1	0.0010	0.0010	0.0010	
THIABENDAZOLE	2	Thiabendazole					

BROCCOLI, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

BROCCOLI, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	11	Dithiocarbamate	8	1.3625	0.1300	5.8300	
EBDC(EBDC)	11	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	13	Pesticide Screen	5				
PESTICIDES-F052	13	Biphenyl	1	0.0024	0.0024	0.0024	
PESTICIDES-F052	13	Chlorpyrifos	1	0.0022	0.0022	0.0022	
PESTICIDES-F052	13	Cypermethrin	1	0.0300	0.0300	0.0300	
PESTICIDES-F052	13	p,p'-DDE	1	0.0012	0.0012	0.0012	
PESTICIDES-F052	13	Permethrin	1	0.3250	0.3250	0.3250	
THIABENDAZOLE	2	Thiabendazole					

BRUSSELS SPROUT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	3	Daminozide					
AMITRAZ	5	Amitraz					
BENOMYL	5	Benomyl					
EBDC(DC)	10	Dithiocarbamate	6	1.8742	0.0850	5.6300	
EBDC(EBDC)	10	Ethylene Diamine					
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	5	Formetanate	1	0.0975	0.0975	0.0975	
PESTICIDES-F052	12	Pesticide Screen	3				
PESTICIDES-F052	12	Chlorpyrifos	1	0.0033	0.0033	0.0033	
PESTICIDES-F052	12	Cyhalothrin-lambda	1	0.0089	0.0089	0.0089	
PESTICIDES-F052	12	Cypermethrin	1	0.0400	0.0400	0.0400	
THIABENDAZOLE	3	Thiabendazole					

CABBAGE, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	7	Daminozide					
AMITRAZ	8	Amitraz					
BENOMYL	10	Benomyl					
EBDC(DC)	11	Dithiocarbamate	7	2.9743	0.1000	10.7200	1
EBDC(EBDC)	11	Ethylene Diamine	1	0.3880	0.3880	0.3880	
EBDC(ETU)	10	Ethylene Thiourea					
FORMETANATE	8	Formetanate					
PESTICIDES-F052	16	Pesticide Screen	6				
PESTICIDES-F052	16	Carbaryl	1	0.0027	0.0027	0.0027	
PESTICIDES-F052	16	Cypermethrin	1	0.0099	0.0099	0.0099	
PESTICIDES-F052	16	Diazinon	1	0.0077	0.0077	0.0077	
PESTICIDES-F052	16	Diazinon o analogue	1	0.0643	0.0643	0.0643	
PESTICIDES-F052	16	Methamidophos	1	0.0158	0.0158	0.0158	

CABBAGE, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	16	Methomyl	1	0.0215	0.0215	0.0215	
PESTICIDES-F052	16	Permethrin	2	0.2485	0.0290	0.4680	
PESTICIDES-F052	16	Propoxur	1	0.0020	0.0020	0.0020	
THIABENDAZOLE	9	Thiabendazole					

CABBAGE, FRESH CHINESE

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	3	Amitraz					
BENOMYL	3	Benomyl					
EBDC(DC)	9	Dithiocarbamate	4	0.7525	0.4100	1.2400	
EBDC(EBDC)	9	Ethylene Diamine	1	0.4110	0.4110	0.4110	
EBDC(ETU)	3	Ethylene Thiourea					
FORMETANATE	3	Formetanate					
PESTICIDES-F052	10	Pesticide Screen	3				
PESTICIDES-F052	10	Chlorpyrifos	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	10	Cyhalothrin-lambda	1	0.0436	0.0436	0.0436	
PESTICIDES-F052	10	Endosulfan Total	1	0.0170	0.0170	0.0170	
PESTICIDES-F052	10	Methamidophos	1	1.9900	1.9900	1.9900	1
PESTICIDES-F052	10	Pirimicarb	1	0.0232	0.0232	0.0232	
THIABENDAZOLE	3	Thiabendazole					

CANTALOUPE, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	2	Dithiocarbamate					
EBDC(EBDC)	2	Ethylene Diamine					
PESTICIDES-F052	2	Pesticide Screen	1				
PESTICIDES-F052	2	Endosulfan Total	1	0.0145	0.0145	0.0145	
PESTICIDES-F052	2	Pentachloroaniline	1	0.0040	0.0040	0.0040	

CARROT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	3	Daminozide					
AMITRAZ	3	Amitraz					
BENOMYL	3	Benomyl					
EBDC(DC)	12	Dithiocarbamate	3	0.8933	0.5000	1.1000	
EBDC(EBDC)	12	Ethylene Diamine	1	0.1310	0.1310	0.1310	
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	15	Pesticide Screen	8				
PESTICIDES-F052	15	Chlorpyrifos	2	0.0086	0.0028	0.0144	
PESTICIDES-F052	15	Diazinon	1	0.0114	0.0114	0.0114	

CARROT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	15	Dieldrin	1	0.0041	0.0041	0.0041	
PESTICIDES-F052	15	p,p'-DDE	2	0.0065	0.0050	0.0080	
PESTICIDES-F052	15	Pendimethalin	1	0.0270	0.0270	0.0270	
PESTICIDES-F052	15	Trifluralin	3	0.0100	0.0017	0.0171	
THIABENDAZOLE	4	Thiabendazole					

CAULIFLOWER, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	12	Dithiocarbamate	6	0.4267	0.1600	0.8800	
EBDC(EBDC)	12	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	13	Pesticide Screen	1				
PESTICIDES-F052	13	Diazinon	1	0.0088	0.0088	0.0088	
THIABENDAZOLE	1	Thiabendazole					

CELERY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	1	Amitraz					
BENOMYL	1	Benomyl					
EBDC(DC)	11	Dithiocarbamate	5	0.2740	0.2000	0.4400	
EBDC(EBDC)	11	Ethylene Diamine	2	0.2770	0.1100	0.4440	
EBDC(ETU)	1	Ethylene Thiourea					
FORMETANATE	1	Formetanate					
PESTICIDES-F052	12	Pesticide Screen	10				
PESTICIDES-F052	12	Carbaryl	7	0.3072	0.0220	0.7560	
PESTICIDES-F052	12	Chlorothalonil	1	0.0067	0.0067	0.0067	
PESTICIDES-F052	12	Chlorpyrifos	1	0.0460	0.0460	0.0460	
PESTICIDES-F052	12	Cypermethrin	2	0.0305	0.0130	0.0480	
PESTICIDES-F052	12	Endosulfan Total	7	0.1169	0.0110	0.2920	
PESTICIDES-F052	12	Prometryne	1	0.0022	0.0022	0.0022	
THIABENDAZOLE	1	Thiabendazole					

CHERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	8	Daminozide					
AMITRAZ	8	Amitraz					
BENOMYL	8	Benomyl					

CHERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	16	Dithiocarbamate					
EBDC(EBDC)	16	Ethylene Diamine					
EBDC(ETU)	8	Ethylene Thiourea					
FORMETANATE	8	Formetanate					
PESTICIDES-F052	24	Pesticide Screen	20				
PESTICIDES-F052	24	Captan	3	0.5080	0.3710	0.6630	
PESTICIDES-F052	24	Carbaryl	7	0.4711	0.0080	2.7940	
PESTICIDES-F052	24	Diazinon	2	0.0109	0.0096	0.0121	
PESTICIDES-F052	24	Dimethoate	3	0.5710	0.0210	1.3950	
PESTICIDES-F052	24	Endosulfan Total	1	0.0540	0.0540	0.0540	
PESTICIDES-F052	24	Fenbuconazole	6	0.0467	0.0125	0.1078	
PESTICIDES-F052	24	Iprodione	9	0.1839	0.0126	0.5320	
PESTICIDES-F052	24	Myclobutanil	10	0.1176	0.0075	0.3886	
PESTICIDES-F052	24	Omethoate	1	0.0840	0.0840	0.0840	
PESTICIDES-F052	24	Phosalone	3	0.0471	0.0172	0.0726	
PESTICIDES-F052	24	Propiconazole	1	0.0200	0.0200	0.0200	
THIABENDAZOLE	8	Thiabendazole					

CORN, FRESH SWEET

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	5	Daminozide					
AMITRAZ	5	Amitraz					
BENOMYL	5	Benomyl					
EBDC(DC)	20	Dithiocarbamate	2	0.2650	0.1300	0.4000	
EBDC(EBDC)	20	Ethylene Diamine					
EBDC(ETU)	5	Ethylene Thiourea					
FORMETANATE	5	Formetanate					
PESTICIDES-F052	25	Pesticide Screen	2				
PESTICIDES-F052	25	Chlorpropham	2	0.0119	0.0074	0.0163	
THIABENDAZOLE	5	Thiabendazole					

CRANBERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	8	Dithiocarbamate					
EBDC(EBDC)	8	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	8	Pesticide Screen	2				
PESTICIDES-F052	8	Chlorothalonil	1	0.6300	0.6300	0.6300	
PESTICIDES-F052	8	Diazinon	1	0.0043	0.0043	0.0043	
THIABENDAZOLE	1	Thiabendazole					

CUCUMBER, FRESH

CUCUMBER, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	6	Abamectin					
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	11	Dithiocarbamate					
EBDC(EBDC)	11	Ethylene Diamine	2	0.3970	0.1590	0.6350	
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	14	Pesticide Screen	4				
PESTICIDES-F052	14	Chlordane	1	0.0036	0.0036	0.0036	
PESTICIDES-F052	14	Chlorthiamid	1	0.0252	0.0252	0.0252	
PESTICIDES-F052	14	Dieldrin	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	14	Endosulfan Total	3	0.0791	0.0522	0.0950	
PESTICIDES-F052	14	o,p'-DDT	1	0.0061	0.0061	0.0061	
THIABENDAZOLE	3	Thiabendazole					

CUCUMBER, FRESH (GH)

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	19	Abamectin					
ALAR	7	Daminozide					
AMITRAZ	7	Amitraz					
BENOMYL	7	Benomyl	1	0.0084	0.0084	0.0084	
EBDC(DC)	13	Dithiocarbamate	1	0.3100	0.3100	0.3100	
EBDC(EBDC)	14	Ethylene Diamine					
EBDC(ETU)	7	Ethylene Thiourea					
FORMETANATE	7	Formetanate					
PESTICIDES-F052	28	Pesticide Screen	12				
PESTICIDES-F052	28	Azinphos-methyl	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	28	Cyprodinil	1	0.0740	0.0740	0.0740	
PESTICIDES-F052	28	Dicofol	1	0.0857	0.0857	0.0857	
PESTICIDES-F052	28	Endosulfan Total	1	0.0500	0.0500	0.0500	
PESTICIDES-F052	28	Iprodione	3	0.0250	0.0053	0.0446	
PESTICIDES-F052	28	Metalaxyl	5	0.0261	0.0046	0.0510	
PESTICIDES-F052	28	Myclobutanil	3	0.0412	0.0027	0.0970	
PESTICIDES-F052	28	o,p'-DDE	1	0.0007	0.0007	0.0007	
THIABENDAZOLE	9	Thiabendazole					

EGGPLANT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	1	Pesticide Screen					
THIABENDAZOLE	1	Thiabendazole					

GARLIC, FRESH

GARLIC, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	3	Dithiocarbamate	2	0.2950	0.2600	0.3300	2
EBDC(EBDC)	3	Ethylene Diamine					
PESTICIDES-F052	3	Pesticide Screen					

GRAPE, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	7	Dithiocarbamate	4	0.7675	0.4200	1.0900	
EBDC(EBDC)	7	Ethylene Diamine	4	0.8298	0.1710	1.4320	
PESTICIDES-F052	7	Pesticide Screen	6				
PESTICIDES-F052	7	Azinphos-methyl	1	0.1271	0.1271	0.1271	
PESTICIDES-F052	7	Captan	2	0.2385	0.0270	0.4500	
PESTICIDES-F052	7	Carbaryl	2	0.0276	0.0123	0.0429	
PESTICIDES-F052	7	Kresoxim-methyl	3	0.0179	0.0122	0.0266	
PESTICIDES-F052	7	Malathion	1	0.1702	0.1702	0.1702	
PESTICIDES-F052	7	Myclobutanil	3	0.0144	0.0102	0.0181	
PESTICIDES-F052	7	Permethrin	3	0.0069	0.0032	0.0103	

LETTUCE, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	13	Abamectin					
ALAR	3	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	4	Benomyl					
EBDC(DC)	21	Dithiocarbamate	5	4.2920	0.1000	19.7000	
EBDC(EBDC)	21	Ethylene Diamine	5	2.8372	0.1400	9.7210	1
EBDC(ETU)	4	Ethylene Thiourea	1	0.4300	0.4300	0.4300	1
FORMETANATE	4	Formetanate					
PESTICIDES-F052	29	Pesticide Screen	12				
PESTICIDES-F052	29	Acephate	1	0.0209	0.0209	0.0209	
PESTICIDES-F052	29	Carbaryl	1	0.8400	0.8400	0.8400	
PESTICIDES-F052	29	Cypermethrin	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	29	Dimethoate	3	0.0217	0.0110	0.0409	
PESTICIDES-F052	29	Endosulfan Total	7	0.0220	0.0048	0.0480	
PESTICIDES-F052	29	Iprodione	1	3.2900	3.2900	3.2900	
PESTICIDES-F052	29	Malathion	1	0.0551	0.0551	0.0551	
PESTICIDES-F052	29	Omethoate	2	0.0167	0.0063	0.0270	
PESTICIDES-F052	29	p,p'-DDE	2	0.0026	0.0015	0.0037	
PESTICIDES-F052	29	Pendimethalin	1	0.0098	0.0098	0.0098	
PESTICIDES-F052	29	Prometryne	1	0.0122	0.0122	0.0122	
PESTICIDES-F052	29	Vinclozolin	1	0.0051	0.0051	0.0051	
THIABENDAZOLE	4	Thiabendazole					

MELON, FRESH

MELON, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	1	Dithiocarbamate					
EBDC(EBDC)	1	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	3	Pesticide Screen					
THIABENDAZOLE	2	Thiabendazole					

MUSHROOM, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	3	Daminozide					
AMITRAZ	7	Amitraz					
BENOMYL	9	Benomyl	3	0.2900	0.1400	0.4660	
EBDC(DC)	20	Dithiocarbamate					
EBDC(EBDC)	21	Ethylene Diamine	10	0.4746	0.1160	2.1180	
EBDC(ETU)	13	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	23	Pesticide Screen	2				
PESTICIDES-F052	23	2-phenylphenol (ortho-phenylphenol)	1	0.0113	0.0113	0.0113	
PESTICIDES-F052	23	Diazinon o analogue	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	23	Metolachlor	1	0.0070	0.0070	0.0070	
THIABENDAZOLE	11	Thiabendazole					

NECTARINE, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	5	Daminozide					
AMITRAZ	5	Amitraz					
BENOMYL	5	Benomyl					
EBDC(DC)	7	Dithiocarbamate	1	0.1600	0.1600	0.1600	
EBDC(EBDC)	7	Ethylene Diamine					
EBDC(ETU)	5	Ethylene Thiourea					
FORMETANATE	5	Formetanate					
PESTICIDES-F052	12	Pesticide Screen	7				
PESTICIDES-F052	12	Captan	1	0.2660	0.2660	0.2660	
PESTICIDES-F052	12	Carbaryl	1	0.0008	0.0008	0.0008	
PESTICIDES-F052	12	Cypermethrin	1	0.0115	0.0115	0.0115	
PESTICIDES-F052	12	Endosulfan Total	3	0.0400	0.0066	0.0614	
PESTICIDES-F052	12	Iprodione	2	0.0591	0.0121	0.1060	
PESTICIDES-F052	12	Myclobutanil	1	0.0350	0.0350	0.0350	
PESTICIDES-F052	12	Oxamyl	1	0.0037	0.0037	0.0037	
PESTICIDES-F052	12	Permethrin	1	0.0620	0.0620	0.0620	
PESTICIDES-F052	12	Phosmet	1	0.4379	0.4379	0.4379	
THIABENDAZOLE	5	Thiabendazole	1	0.1260	0.1260	0.1260	1

ONION, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	5	Amitraz					
BENOMYL	3	Benomyl					
EBDC(DC)	14	Dithiocarbamate	1	0.7300	0.7300	0.7300	
EBDC(EBDC)	14	Ethylene Diamine					
EBDC(ETU)	5	Ethylene Thiourea					
FORMETANATE	3	Formetanate					
PESTICIDES-F052	16	Pesticide Screen					
THIABENDAZOLE	4	Thiabendazole					

ONION, FRESH GREEN

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	1	Amitraz					
BENOMYL	1	Benomyl					
EBDC(DC)	10	Dithiocarbamate	2	1.9850	0.3700	3.6000	
EBDC(EBDC)	10	Ethylene Diamine	2	0.6535	0.2080	1.0990	
EBDC(ETU)	1	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	11	Pesticide Screen	2				
PESTICIDES-F052	11	Chlorpyrifos	1	0.1239	0.1239	0.1239	1
PESTICIDES-F052	11	Dacthal (chlorthal-dimethyl)	1	0.0143	0.0143	0.0143	
THIABENDAZOLE	1	Thiabendazole					

PARSNIP, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	4	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	5	Benomyl					
EBDC(DC)	18	Dithiocarbamate					
EBDC(EBDC)	18	Ethylene Diamine					
EBDC(ETU)	6	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	21	Pesticide Screen	8				
PESTICIDES-F052	21	Carbaryl	4	0.0218	0.0058	0.0420	
PESTICIDES-F052	21	Diazinon	2	0.0118	0.0096	0.0140	
PESTICIDES-F052	21	p,p'-DDE	3	0.0061	0.0012	0.0100	
PESTICIDES-F052	21	p,p'-DDT	1	0.0015	0.0015	0.0015	
PESTICIDES-F052	21	Trifluralin	2	0.0188	0.0016	0.0360	
THIABENDAZOLE	11	Thiabendazole	2	0.0599	0.0533	0.0665	

PEA, FRESH

PEA, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	1	Amitraz					
BENOMYL	2	Benomyl	1	0.0116	0.0116	0.0116	
EBDC(DC)	6	Dithiocarbamate	3	0.4133	0.1300	0.8200	
EBDC(EBDC)	6	Ethylene Diamine	5	2.2800	0.2030	5.0610	
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	1	Formetanate					
PESTICIDES-F052	6	Pesticide Screen	1				
PESTICIDES-F052	6	Hexaconazole	1	0.0025	0.0025	0.0025	
PESTICIDES-F052	6	Procymidone	1	0.0163	0.0163	0.0163	
THIABENDAZOLE	2	Thiabendazole					

PEACH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	4	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	4	Benomyl					
EBDC(DC)	20	Dithiocarbamate	3	0.0810	0.0320	0.1700	
EBDC(EBDC)	20	Ethylene Diamine					
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	24	Pesticide Screen	13				
PESTICIDES-F052	24	Azinphos-methyl	1	0.0854	0.0854	0.0854	
PESTICIDES-F052	24	Captan	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	24	Carbaryl	1	0.0073	0.0073	0.0073	
PESTICIDES-F052	24	Dichloran	1	0.0440	0.0440	0.0440	
PESTICIDES-F052	24	Endosulfan Total	6	0.1093	0.0100	0.2720	
PESTICIDES-F052	24	Fenbuconazole	3	0.0218	0.0077	0.0463	
PESTICIDES-F052	24	Imazalil	1	0.0068	0.0068	0.0068	
PESTICIDES-F052	24	Myclobutanil	2	0.0111	0.0097	0.0124	
PESTICIDES-F052	24	Oxamyl	1	0.0018	0.0018	0.0018	
PESTICIDES-F052	24	Propiconazole	3	0.0160	0.0110	0.0240	
PESTICIDES-F052	24	Tebuconazole	1	0.0460	0.0460	0.0460	
THIABENDAZOLE	4	Thiabendazole					

PEAR, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	27	Abamectin					
ALAR	6	Daminozide					
AMITRAZ	6	Amitraz					
BENOMYL	7	Benomyl					
EBDC(DC)	13	Dithiocarbamate	3	0.5830	0.0390	1.2900	
EBDC(EBDC)	13	Ethylene Diamine	3	0.4460	0.2110	0.7380	
EBDC(ETU)	6	Ethylene Thiourea					
FORMETANATE	7	Formetanate					

PEAR, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	32	Pesticide Screen	16				
PESTICIDES-F052	32	Azinphos-methyl	1	0.0250	0.0250	0.0250	
PESTICIDES-F052	32	Captan	11	0.5976	0.0220	2.5160	
PESTICIDES-F052	32	Carbaryl	1	0.2650	0.2650	0.2650	
PESTICIDES-F052	32	Dicofol	1	0.1000	0.1000	0.1000	
PESTICIDES-F052	32	Endosulfan Total	1	0.0021	0.0021	0.0021	
PESTICIDES-F052	32	Folpet	2	0.0217	0.0096	0.0337	
PESTICIDES-F052	32	Metribuzin	1	0.0195	0.0195	0.0195	
PESTICIDES-F052	32	Permethrin	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	32	Phosalone	2	0.0422	0.0413	0.0430	
PESTICIDES-F052	32	Phosmet	3	0.0205	0.0113	0.0370	
THIABENDAZOLE	15	Thiabendazole					

PEPPER, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	7	Abamectin					
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	7	Dithiocarbamate	1	0.3600	0.3600	0.3600	
EBDC(EBDC)	7	Ethylene Diamine	1	0.2490	0.2490	0.2490	
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	13	Pesticide Screen	4				
PESTICIDES-F052	13	Acephate	1	0.1600	0.1600	0.1600	
PESTICIDES-F052	13	Endosulfan Total	2	0.0047	0.0044	0.0050	
PESTICIDES-F052	13	Myclobutanil	1	0.0360	0.0360	0.0360	
PESTICIDES-F052	13	Permethrin	1	0.0180	0.0180	0.0180	
THIABENDAZOLE	3	Thiabendazole					

PEPPER, FRESH (GH)

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	8	Daminozide					
AMITRAZ	10	Amitraz					
BENOMYL	10	Benomyl					
EBDC(DC)	25	Dithiocarbamate	1	0.1800	0.1800	0.1800	
EBDC(EBDC)	25	Ethylene Diamine					
EBDC(ETU)	12	Ethylene Thiourea					
FORMETANATE	9	Formetanate					
PESTICIDES-F052	34	Pesticide Screen	1				
PESTICIDES-F052	34	Metalaxyl	1	0.1380	0.1380	0.1380	
THIABENDAZOLE	10	Thiabendazole					

PEPPER, FRESH HOT

PEPPER, FRESH HOT

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	1	Dithiocarbamate	1	0.2700	0.2700	0.2700	
EBDC(EBDC)	1	Ethylene Diamine	1	0.4710	0.4710	0.4710	
PESTICIDES-F052	1	Pesticide Screen					

PLUM, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	7	Daminozide					
AMITRAZ	7	Amitraz					
BENOMYL	7	Benomyl					
EBDC(DC)	12	Dithiocarbamate	3	0.4633	0.1600	0.8000	
EBDC(EBDC)	12	Ethylene Diamine					
EBDC(ETU)	7	Ethylene Thiourea					
FORMETANATE	7	Formetanate					
PESTICIDES-F052	19	Pesticide Screen	11				
PESTICIDES-F052	19	Captan	3	0.1601	0.0660	0.3022	
PESTICIDES-F052	19	Endosulfan Total	7	0.0317	0.0071	0.0920	
PESTICIDES-F052	19	Fenbuconazole	1	0.0046	0.0046	0.0046	
PESTICIDES-F052	19	Iprodione	2	0.0387	0.0363	0.0410	
PESTICIDES-F052	19	Myclobutanil	1	0.0138	0.0138	0.0138	
PESTICIDES-F052	19	Permethrin	1	0.0380	0.0380	0.0380	
THIABENDAZOLE	8	Thiabendazole					

POTATO, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	22	Daminozide					
AMITRAZ	42	Amitraz					
BENOMYL	59	Benomyl					
EBDC(DC)	170	Dithiocarbamate	9	0.2130	0.0290	0.3400	4
EBDC(EBDC)	177	Ethylene Diamine	65	0.3205	0.0840	0.8860	3
EBDC(ETU)	69	Ethylene Thiourea	2	0.0174	0.0019	0.0329	
FORMETANATE	39	Formetanate	1	0.0206	0.0206	0.0206	
PESTICIDES-F052	181	Pesticide Screen	138				
PESTICIDES-F052	181	2-phenylphenol (ortho-phenylphenol)	1	0.0028	0.0028	0.0028	
PESTICIDES-F052	181	3-OH Carbofuran	1	0.0063	0.0063	0.0063	
PESTICIDES-F052	181	Aldicarb	1	0.0560	0.0560	0.0560	
PESTICIDES-F052	181	Azoxystrobin	2	0.0123	0.0026	0.0220	
PESTICIDES-F052	181	Biphenyl	4	0.0026	0.0023	0.0028	
PESTICIDES-F052	181	Captan	1	0.0520	0.0520	0.0520	
PESTICIDES-F052	181	Chlordane	2	0.0037	0.0036	0.0037	
PESTICIDES-F052	181	Chlorpropham	127	1.5880	0.0044	11.0000	
PESTICIDES-F052	181	Chlorpyrifos	1	0.0100	0.0100	0.0100	
PESTICIDES-F052	181	Dieldrin	1	0.0043	0.0043	0.0043	
PESTICIDES-F052	181	Diphenylamine	1	0.0098	0.0098	0.0098	
PESTICIDES-F052	181	Endosulfan Total	4	0.0037	0.0019	0.0044	
PESTICIDES-F052	181	Iprodione	1	0.0040	0.0040	0.0040	

POTATO, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	181	Metalaxyl	5	0.0094	0.0024	0.0350	
PESTICIDES-F052	181	p,p'-DDD (p,p'-TDE)	1	0.0015	0.0015	0.0015	
PESTICIDES-F052	181	p,p'-DDE	16	0.0071	0.0011	0.0430	
PESTICIDES-F052	181	p,p'-DDT	4	0.0018	0.0012	0.0024	
PESTICIDES-F052	181	Pentachloroaniline	2	0.0034	0.0030	0.0038	
PESTICIDES-F052	181	Phorate	2	0.0202	0.0058	0.0345	
PESTICIDES-F052	181	Phorate sulfone	5	0.0501	0.0102	0.1823	1
THIABENDAZOLE	67	Thiabendazole	5	0.9462	0.1200	4.1000	1

PUMPKIN, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	4	Dithiocarbamate	1	0.0590	0.0590	0.0590	
EBDC(EBDC)	4	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	4	Pesticide Screen	1				
PESTICIDES-F052	4	Dieldrin	1	0.0470	0.0470	0.0470	
PESTICIDES-F052	4	o,p'-DDT	1	0.0031	0.0031	0.0031	
PESTICIDES-F052	4	p,p'-DDE	1	0.0032	0.0032	0.0032	
PESTICIDES-F052	4	p,p'-DDT	1	0.0030	0.0030	0.0030	
THIABENDAZOLE	2	Thiabendazole					

RADISH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	3	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	4	Benomyl					
EBDC(DC)	11	Dithiocarbamate	8	1.1563	0.4800	3.5300	
EBDC(EBDC)	11	Ethylene Diamine					
EBDC(ETU)	3	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	14	Pesticide Screen	5				
PESTICIDES-F052	14	Carbaryl	1	0.0022	0.0022	0.0022	
PESTICIDES-F052	14	Chlorpyrifos	2	0.0065	0.0053	0.0076	
PESTICIDES-F052	14	Diazinon	1	0.0021	0.0021	0.0021	
PESTICIDES-F052	14	Endosulfan Total	2	0.0096	0.0089	0.0102	
PESTICIDES-F052	14	Pirimicarb	1	0.0020	0.0020	0.0020	
THIABENDAZOLE	3	Thiabendazole					

RASPBERRY, FRESH

RASPBERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	1	Amitraz	1	0.0022	0.0022	0.0022	
BENOMYL	1	Benomyl					
EBDC(DC)	7	Dithiocarbamate	1	0.9300	0.9300	0.9300	
EBDC(EBDC)	7	Ethylene Diamine					
EBDC(ETU)	1	Ethylene Thiourea					
FORMETANATE	1	Formetanate					
PESTICIDES-F052	8	Pesticide Screen	4				
PESTICIDES-F052	8	Acephate	1	0.1709	0.1709	0.1709	1
PESTICIDES-F052	8	Captan	1	0.3010	0.3010	0.3010	
PESTICIDES-F052	8	Cyprodinil	2	0.1389	0.0807	0.1970	1
PESTICIDES-F052	8	Deltamethrin	1	0.0940	0.0940	0.0940	
PESTICIDES-F052	8	Fludioxonil	2	0.0632	0.0366	0.0897	
PESTICIDES-F052	8	Iprodione	1	6.5700	6.5700	6.5700	
PESTICIDES-F052	8	Malathion	1	0.0398	0.0398	0.0398	
THIABENDAZOLE	1	Thiabendazole					

RHUBARB, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	11	Dithiocarbamate	1	0.3400	0.3400	0.3400	1
EBDC(EBDC)	11	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	13	Pesticide Screen	4				
PESTICIDES-F052	13	2-phenylphenol (ortho-phenylphenol)	1	0.0084	0.0084	0.0084	
PESTICIDES-F052	13	Captan	2	0.0910	0.0070	0.1750	1
PESTICIDES-F052	13	p,p'-DDE	1	0.0040	0.0040	0.0040	
THIABENDAZOLE	2	Thiabendazole					

RUTABAGA, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	4	Daminozide					
AMITRAZ	6	Amitraz					
BENOMYL	4	Benomyl					
EBDC(DC)	17	Dithiocarbamate	9	2.0522	0.2000	5.5300	
EBDC(EBDC)	17	Ethylene Diamine					
EBDC(ETU)	7	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	19	Pesticide Screen	4				
PESTICIDES-F052	19	Chlorpyrifos	4	0.0427	0.0093	0.1110	
PESTICIDES-F052	19	Methiocarb Sulfoxide	1	0.0008	0.0008	0.0008	
THIABENDAZOLE	9	Thiabendazole					

SASKATOON BERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	2	Dithiocarbamate					
EBDC(EBDC)	2	Ethylene Diamine					
PESTICIDES-F052	2	Pesticide Screen	2				
PESTICIDES-F052	2	Propiconazole	2	0.0086	0.0050	0.0122	

SHALLOT, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	1	Amitraz					
BENOMYL	1	Benomyl					
EBDC(DC)	2	Dithiocarbamate					
EBDC(EBDC)	2	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea	1	0.0203	0.0203	0.0203	
FORMETANATE	1	Formetanate					
PESTICIDES-F052	3	Pesticide Screen					
THIABENDAZOLE	2	Thiabendazole					

SPINACH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	10	Dithiocarbamate					
EBDC(EBDC)	10	Ethylene Diamine	2	0.2920	0.2230	0.3610	
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	12	Pesticide Screen	6				
PESTICIDES-F052	12	Chlorpyrifos	1	0.0029	0.0029	0.0029	
PESTICIDES-F052	12	Dacthal (chlorthal-dimethyl)	1	0.0030	0.0030	0.0030	
PESTICIDES-F052	12	Dimethoate	1	0.3643	0.3643	0.3643	
PESTICIDES-F052	12	Endosulfan Total	3	0.0944	0.0073	0.2640	
PESTICIDES-F052	12	Omethoate	1	0.2498	0.2498	0.2498	
PESTICIDES-F052	12	p,p'-DDE	2	0.0014	0.0012	0.0016	
PESTICIDES-F052	12	Prometryne	1	0.0055	0.0055	0.0055	
THIABENDAZOLE	2	Thiabendazole					

SQUASH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	4	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	5	Benomyl	1	0.0028	0.0028	0.0028	
EBDC(DC)	17	Dithiocarbamate					

SQUASH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	17	Ethylene Diamine					
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	5	Formetanate	1	0.0426	0.0426	0.0426	
PESTICIDES-F052	19	Pesticide Screen	10				
PESTICIDES-F052	19	Bendiocarb	1	0.0100	0.0100	0.0100	
PESTICIDES-F052	19	Dieldrin	5	0.0367	0.0032	0.0779	
PESTICIDES-F052	19	Endosulfan Total	5	0.0205	0.0040	0.0560	
PESTICIDES-F052	19	Heptachlor epoxide exo	3	0.0024	0.0017	0.0036	
PESTICIDES-F052	19	p,p'-DDE	1	0.0016	0.0016	0.0016	
THIABENDAZOLE	4	Thiabendazole					

STRAWBERRY, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	8	Abamectin					
ALAR	3	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	4	Benomyl					
EBDC(DC)	7	Dithiocarbamate	1	0.4800	0.4800	0.4800	
EBDC(EBDC)	7	Ethylene Diamine					
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	4	Formetanate					
PESTICIDES-F052	15	Pesticide Screen	12				
PESTICIDES-F052	15	Captan	9	0.5564	0.0330	1.5990	
PESTICIDES-F052	15	Chlorthiamid	1	0.0461	0.0461	0.0461	
PESTICIDES-F052	15	Cyhalothrin-lambda	1	0.0055	0.0055	0.0055	
PESTICIDES-F052	15	Cypermethrin	3	0.0213	0.0130	0.0310	
PESTICIDES-F052	15	Cyprodinil	1	0.0780	0.0780	0.0780	
PESTICIDES-F052	15	Dacthal (chlorthal-dimethyl)	1	0.0020	0.0020	0.0020	
PESTICIDES-F052	15	Dimethoate	1	0.2743	0.2743	0.2743	
PESTICIDES-F052	15	Endosulfan Total	5	0.1534	0.0340	0.2230	
PESTICIDES-F052	15	Fludioxonil	2	0.1610	0.0520	0.2700	
PESTICIDES-F052	15	Iprodione	5	0.5574	0.0140	1.9000	
PESTICIDES-F052	15	Myclobutanil	2	0.0570	0.0040	0.1100	
PESTICIDES-F052	15	Omethoate	1	0.0234	0.0234	0.0234	
PESTICIDES-F052	15	Trifloxystrobin	1	0.0031	0.0031	0.0031	
PESTICIDES-F052	15	Vinclozolin	1	0.2620	0.2620	0.2620	
THIABENDAZOLE	4	Thiabendazole	1	0.0782	0.0782	0.0782	

SWISS CHARD, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	1	Amitraz					
BENOMYL	1	Benomyl					
EBDC(DC)	3	Dithiocarbamate	1	0.3300	0.3300	0.3300	1
EBDC(EBDC)	3	Ethylene Diamine					

SWISS CHARD, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	1	Ethylene Thiourea					
FORMETANATE	1	Formetanate					
PESTICIDES-F052	4	Pesticide Screen	1				
PESTICIDES-F052	4	Biphenyl	1	0.0024	0.0024	0.0024	
THIABENDAZOLE	1	Thiabendazole					

TOMATO, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	7	Abamectin	1	0.0050	0.0050	0.0050	
ALAR	21	Daminozide					
AMITRAZ	22	Amitraz	1	0.0017	0.0017	0.0017	
BENOMYL	20	Benomyl					
EBDC(DC)	42	Dithiocarbamate	2	0.2150	0.1800	0.2500	
EBDC(EBDC)	42	Ethylene Diamine	2	0.4475	0.3780	0.5170	
EBDC(ETU)	16	Ethylene Thiourea					
FORMETANATE	16	Formetanate					
PESTICIDES-F052	60	Pesticide Screen	12				
PESTICIDES-F052	60	Captan	2	0.0755	0.0640	0.0870	
PESTICIDES-F052	60	Chlorothalonil	3	0.0722	0.0110	0.1295	
PESTICIDES-F052	60	Endosulfan Total	2	0.0675	0.0110	0.1240	
PESTICIDES-F052	60	Iprodione	1	0.0043	0.0043	0.0043	
PESTICIDES-F052	60	Metalaxyl	2	0.0279	0.0169	0.0389	
PESTICIDES-F052	60	Myclobutanil	2	0.0187	0.0063	0.0311	
PESTICIDES-F052	60	Permethrin	1	0.0520	0.0520	0.0520	
THIABENDAZOLE	21	Thiabendazole					

TOMATO, FRESH (GH)

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	29	Abamectin					
ALAR	4	Daminozide					
AMITRAZ	4	Amitraz					
BENOMYL	4	Benomyl					
EBDC(DC)	15	Dithiocarbamate	1	0.2200	0.2200	0.2200	
EBDC(EBDC)	15	Ethylene Diamine					
EBDC(ETU)	4	Ethylene Thiourea					
FORMETANATE	3	Formetanate					
PESTICIDES-F052	30	Pesticide Screen	3				
PESTICIDES-F052	30	Aldicarb Sulfone	1	0.0130	0.0130	0.0130	
PESTICIDES-F052	30	Myclobutanil	2	0.0430	0.0050	0.0810	
THIABENDAZOLE	4	Thiabendazole					

WATERMELON, FRESH

WATERMELON, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	1	Daminozide					
AMITRAZ	1	Amitraz					
BENOMYL	1	Benomyl					
EBDC(DC)	3	Dithiocarbamate					
EBDC(EBDC)	3	Ethylene Diamine					
EBDC(ETU)	1	Ethylene Thiourea					
FORMETANATE	1	Formetanate					
PESTICIDES-F052	3	Pesticide Screen					
THIABENDAZOLE	1	Thiabendazole					

ZUCCHINI, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	2	Daminozide					
AMITRAZ	2	Amitraz					
BENOMYL	2	Benomyl					
EBDC(DC)	9	Dithiocarbamate	1	0.1400	0.1400	0.1400	
EBDC(EBDC)	9	Ethylene Diamine					
EBDC(ETU)	2	Ethylene Thiourea					
FORMETANATE	2	Formetanate					
PESTICIDES-F052	10	Pesticide Screen	6				
PESTICIDES-F052	10	Dieldrin	4	0.0303	0.0041	0.0589	
PESTICIDES-F052	10	Endosulfan Total	4	0.0285	0.0150	0.0450	
PESTICIDES-F052	10	Heptachlor epoxide exo	1	0.0040	0.0040	0.0040	
PESTICIDES-F052	10	Methamidophos	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	10	o,p'-DDT	1	0.0101	0.0101	0.0101	
PESTICIDES-F052	10	p,p'-DDE	5	0.0044	0.0020	0.0068	
PESTICIDES-F052	10	p,p'-DDT	3	0.0095	0.0044	0.0148	
PESTICIDES-F052	10	Pentachloroaniline	2	0.0086	0.0082	0.0090	
THIABENDAZOLE	2	Thiabendazole					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Domestic Fresh Fruit & Vegetable Products

APPLES, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	148	137	0.5137	0.1030	8.3110		
Arsenic	148	26	0.0221	0.0060	0.2100		1
Boron	148	147	3.0255	0.7280	13.3000		14
Cadmium	148	15	0.0233	0.0022	0.1900		1
Chromium	148	73	0.0573	0.0100	0.8430		
Copper	148	137	0.3726	0.1510	4.2800		
Iron	148	145	2.0998	0.5400	46.4000		
Lead	148	29	0.0448	0.0020	0.9038		1
Manganese	148	144	0.4268	0.1300	1.9880		
Mercury	127	0					
Nickel	148	36	0.2626	0.0100	4.9200		2
Selenium	148	2	0.1110	0.0020	0.2200		
Tin	148	56	0.0846	0.0070	2.0250		
Titanium	148	83	0.1484	0.0250	0.3910		
Zinc	148	141	0.4141	0.1000	4.3900		
All Metals and Elements	2199	1171					19

APRICOT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	17	14	0.8064	0.2690	1.5020		
Arsenic	17	4	0.0104	0.0074	0.0150		
Boron	17	16	3.4818	0.5000	8.5090		1
Cadmium	17	3	0.0038	0.0034	0.0043		
Chromium	17	10	0.0684	0.0140	0.1910		
Copper	17	14	0.5883	0.1680	1.3580		
Iron	17	14	2.9152	1.6770	5.6100		
Lead	17	8	0.0125	0.0020	0.0300		
Manganese	17	17	0.6384	0.2600	1.7630		
Mercury	14	0					
Nickel	17	14	0.0803	0.0250	0.2850		
Selenium	17	0					
Tin	17	3	3.0140	0.0210	9.0000		
Titanium	17	14	0.1926	0.1210	0.3150		
Zinc	17	17	1.4611	0.5430	2.5700		
All Metals and Elements	252	148					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ASPARAGUS, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	18	18	1.6794	0.4410	4.3240		
Arsenic	18	1	0.0095	0.0095	0.0095		
Boron	18	18	1.1793	0.1430	1.6520		
Cadmium	18	15	0.0092	0.0020	0.0205		
Chromium	18	14	0.0233	0.0100	0.0770		
Copper	18	18	1.1301	0.7590	1.6460		
Iron	18	18	7.9661	3.6070	14.8500		
Lead	18	16	0.0071	0.0021	0.0177		
Manganese	18	18	2.1082	0.7370	8.1970		
Mercury	17	0					
Nickel	18	17	0.1515	0.0270	0.7150		
Selenium	18	3	0.1067	0.0290	0.1890		
Tin	18	2	0.0250	0.0230	0.0270		
Titanium	18	17	0.6417	0.3140	1.4050		
Zinc	18	18	5.5769	3.4230	12.9100		
All Metals and Elements	269	193					

BEAN SPROUT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	7	0.7240	0.2540	2.2600		
Arsenic	8	0					
Boron	8	6	0.9945	0.5220	2.0430		
Cadmium	8	0					
Chromium	8	2	0.2020	0.0140	0.3900		
Copper	8	6	1.0797	0.5700	2.4190		
Iron	8	7	5.4006	2.6000	16.9100		
Lead	8	1	0.0028	0.0028	0.0028		
Manganese	8	7	1.2904	0.6000	3.8660		
Mercury	4	0					
Nickel	8	6	0.2055	0.0300	0.6240		
Selenium	8	1	0.2480	0.2480	0.2480		
Tin	8	2	0.0430	0.0410	0.0450		
Titanium	8	4	0.3693	0.1960	0.7480		
Zinc	8	8	2.5735	0.8600	8.4910		
All Metals and Elements	116	57					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BEAN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	10	2.2836	0.4680	4.5990		
Arsenic	11	1	0.0056	0.0056	0.0056		
Boron	11	10	1.2410	0.7090	1.8220		
Cadmium	11	1	0.0025	0.0025	0.0025		
Chromium	11	7	0.0291	0.0100	0.0490		
Copper	11	10	0.7744	0.3820	1.6000		
Iron	11	10	7.7789	3.6570	10.3600		
Lead	11	7	0.0067	0.0045	0.0157		
Manganese	11	11	2.3052	0.7200	4.3360		
Mercury	9	0					
Nickel	11	10	0.2245	0.0500	1.2590		1
Selenium	11	0					
Tin	11	5	0.0328	0.0220	0.0520		
Titanium	11	9	0.3456	0.2150	0.4740		
Zinc	11	11	2.3538	1.0270	3.4930		
All Metals and Elements	163	102					1

BEET, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	16	15	1.5414	0.1320	5.4000		
Arsenic	16	0					
Boron	16	16	1.4484	0.3000	2.8000		
Cadmium	16	13	0.0236	0.0056	0.1256		1
Chromium	16	7	0.0227	0.0110	0.0400		
Copper	16	14	0.7661	0.5000	1.2820		
Iron	16	15	5.7113	2.6730	9.7000		
Lead	16	8	0.0462	0.0025	0.1475		
Manganese	16	16	4.0529	0.6400	9.1580		
Mercury	9	0					
Nickel	16	10	0.1002	0.0130	0.3410		
Selenium	16	0					
Tin	16	3	0.0393	0.0230	0.0500		
Titanium	16	9	0.3771	0.2780	0.4580		
Zinc	16	16	3.5366	1.7000	6.0260		
All Metals and Elements	233	142					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BLUEBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	11	6.1541	0.2000	31.7500		2
Arsenic	11	3	0.0147	0.0103	0.0228		
Boron	11	9	0.9971	0.7110	1.7450		
Cadmium	11	2	0.0026	0.0026	0.0026		
Chromium	11	7	0.0917	0.0130	0.4740		
Copper	11	9	0.5276	0.3310	1.2910		
Iron	11	9	12.1826	2.9170	49.9800		
Lead	11	7	0.0205	0.0024	0.0600		
Manganese	11	11	29.6975	1.5500	114.1000		5
Mercury	9	0					
Nickel	11	11	0.0866	0.0300	0.1630		
Selenium	11	0					
Tin	11	3	0.0390	0.0250	0.0570		
Titanium	11	8	0.5334	0.2110	1.4720		
Zinc	11	11	1.0452	0.5510	1.8560		
All Metals and Elements	163	101					7

BROCCOLI, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	9	7	0.8586	0.2430	3.2000		
Arsenic	9	1	0.0200	0.0200	0.0200		
Boron	9	9	3.2340	0.3000	8.0000		1
Cadmium	9	7	0.0084	0.0023	0.0200		
Chromium	9	6	0.0382	0.0120	0.0700		
Copper	9	7	0.5386	0.4060	0.8000		
Iron	9	8	7.5711	4.6660	18.9000		
Lead	9	2	0.0028	0.0026	0.0029		
Manganese	9	9	2.2332	1.0000	5.2800		
Mercury	6	0					
Nickel	9	7	0.0587	0.0140	0.1100		
Selenium	9	3	0.0360	0.0280	0.0400		
Tin	9	1	0.0420	0.0420	0.0420		
Titanium	9	6	0.4458	0.2340	0.7510		
Zinc	9	9	4.2989	2.5570	7.6200		
All Metals and Elements	132	82					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BRUSSELS SPROUT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	7	1.2857	0.1760	2.7920		
Arsenic	8	0					
Boron	8	8	2.1391	1.3460	2.9720		
Cadmium	8	7	0.0068	0.0033	0.0116		
Chromium	8	7	0.0189	0.0110	0.0290		
Copper	8	7	0.3747	0.2530	0.5210		
Iron	8	8	6.6171	4.2920	10.7900		
Lead	8	3	0.0067	0.0027	0.0117		
Manganese	8	8	1.8253	1.1100	2.8360		
Mercury	7	0					
Nickel	8	6	0.0390	0.0210	0.0550		
Selenium	8	3	0.0983	0.0200	0.1640		
Tin	8	4	0.0480	0.0320	0.0730		
Titanium	8	7	0.6399	0.4700	0.8390		
Zinc	8	8	2.5824	1.8140	3.5700		
All Metals and Elements	119	83					

CABBAGE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	6	0.6340	0.1310	2.6000		
Arsenic	7	1	0.0100	0.0100	0.0100		
Boron	7	7	1.6027	0.4000	2.3390		
Cadmium	7	4	0.0080	0.0021	0.0200		
Chromium	7	3	0.0310	0.0210	0.0500		
Copper	7	6	0.4990	0.1120	2.2400		
Iron	7	7	3.0656	1.0000	5.3000		
Lead	7	1	0.0500	0.0500	0.0500		
Manganese	7	7	1.9269	1.0050	4.7980		
Mercury	5	0					
Nickel	7	4	0.0433	0.0140	0.0860		
Selenium	7	1	0.0750	0.0750	0.0750		
Tin	7	2	0.0585	0.0440	0.0730		
Titanium	7	5	0.4200	0.1580	1.0040		
Zinc	7	7	1.4636	0.8040	2.5400		
All Metals and Elements	103	61					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CABBAGE, FRESH CHINESE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	7	0.8944	0.1150	2.6350		
Arsenic	8	0					
Boron	8	8	1.1088	0.8420	1.6000		
Cadmium	8	7	0.0207	0.0021	0.0969		
Chromium	8	6	0.0208	0.0110	0.0450		
Copper	8	8	0.1573	0.0440	0.2570		
Iron	8	8	4.0261	1.9340	7.1480		
Lead	8	3	0.0122	0.0024	0.0260		
Manganese	8	8	3.7381	0.9050	19.3200		
Mercury	8	0					
Nickel	8	5	0.0194	0.0120	0.0290		
Selenium	8	1	0.0260	0.0260	0.0260		
Tin	8	5	0.0452	0.0240	0.0870		
Titanium	8	8	0.2995	0.1380	0.4600		
Zinc	8	8	2.0571	1.0400	4.7900		
All Metals and Elements	120	82					

CANTALOUPE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	1	0.1430	0.1430	0.1430		
Arsenic	2	1	0.0065	0.0065	0.0065		
Boron	2	2	2.4635	1.1000	3.8270		
Cadmium	2	1	0.0060	0.0060	0.0060		
Chromium	2	1	0.0480	0.0480	0.0480		
Copper	2	2	0.3665	0.3630	0.3700		
Iron	2	2	2.2675	2.0640	2.4710		
Lead	2	0					
Manganese	2	2	0.5010	0.4910	0.5110		
Mercury	2	0					
Nickel	2	2	0.0120	0.0110	0.0130		
Selenium	2	0					
Tin	2	1	0.0210	0.0210	0.0210		
Titanium	2	2	0.1220	0.1060	0.1380		
Zinc	2	2	0.8270	0.4290	1.2250		
All Metals and Elements	30	19					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CARROT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	9	9	2.7397	0.1500	13.4400		1
Arsenic	9	2	0.0136	0.0071	0.0200		
Boron	9	9	2.3844	1.3000	5.2000		1
Cadmium	9	8	0.0332	0.0085	0.0763		
Chromium	9	6	0.0390	0.0140	0.0800		
Copper	9	9	0.6209	0.1720	1.7900		
Iron	9	9	5.9327	1.7100	17.5700		
Lead	9	6	0.0258	0.0035	0.0906		
Manganese	9	9	2.0219	0.7790	4.7610		
Mercury	7	0					
Nickel	9	6	0.3038	0.0140	1.6700		1
Selenium	9	2	0.0205	0.0200	0.0210		
Tin	9	3	0.0433	0.0220	0.0710		
Titanium	9	7	0.5136	0.2760	1.0190		
Zinc	9	9	2.4984	1.1000	5.6500		
All Metals and Elements	133	94					3

CAULIFLOWER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	4	0.5000	0.4000	0.6000		
Arsenic	10	0					
Boron	10	9	1.5202	0.6700	2.0000		1
Cadmium	10	2	0.0043	0.0031	0.0054		
Chromium	10	5	0.0284	0.0120	0.0400		
Copper	10	8	0.8266	0.1230	1.4800		
Iron	10	9	3.1244	1.6000	4.5000		
Lead	10	0					
Manganese	10	10	1.0972	0.8700	1.8100		
Mercury	3	0					
Nickel	10	4	0.0795	0.0120	0.2500		
Selenium	10	2	0.0440	0.0400	0.0480		
Tin	10	1	0.0260	0.0260	0.0260		
Titanium	10	3	0.2673	0.1910	0.3670		
Zinc	10	10	2.3578	1.7150	3.5100		
All Metals and Elements	143	67					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CELERY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	9	3.0726	0.1330	8.2750		
Arsenic	11	2	0.0076	0.0069	0.0082		
Boron	11	10	2.3182	0.5000	3.8100		
Cadmium	11	10	0.0343	0.0062	0.1072		1
Chromium	11	9	0.0359	0.0110	0.0950		
Copper	11	9	0.3662	0.1720	0.9710		
Iron	11	9	5.6268	1.2630	13.4300		
Lead	11	8	0.0069	0.0044	0.0103		
Manganese	11	11	0.9481	0.1500	1.8580		
Mercury	9	0					
Nickel	11	5	0.0658	0.0200	0.2270		
Selenium	11	0					
Tin	11	5	0.0352	0.0200	0.0650		
Titanium	11	9	0.3668	0.1760	0.7230		
Zinc	11	11	1.7511	0.8310	3.4860		
All Metals and Elements	163	107					1

CHERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	14	10	0.7336	0.1160	2.5000		
Arsenic	14	8	0.0101	0.0072	0.0166		
Boron	14	14	5.3546	0.4000	11.7400		6
Cadmium	14	1	0.0067	0.0067	0.0067		
Chromium	14	8	0.1480	0.0240	0.5640		
Copper	14	12	1.0598	0.2900	2.3200		
Iron	14	12	4.0431	1.8110	7.3000		
Lead	14	3	0.0038	0.0030	0.0044		
Manganese	14	14	0.9281	0.2400	1.9500		
Mercury	10	0					
Nickel	14	8	0.0291	0.0110	0.0960		
Selenium	14	0					
Tin	14	0					
Titanium	14	10	0.2007	0.1610	0.2700		
Zinc	14	13	1.0606	0.4710	3.0400		
All Metals and Elements	206	113					6

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CORN, FRESH SWEET							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	17	10	0.2640	0.1280	0.6000		
Arsenic	17	1	0.0078	0.0078	0.0078		
Boron	17	17	0.6012	0.3000	0.9060		
Cadmium	17	11	0.0062	0.0022	0.0144		
Chromium	17	8	0.0446	0.0130	0.1220		
Copper	17	15	0.6792	0.3970	1.6200		
Iron	17	17	4.6701	2.7000	9.3010		
Lead	17	2	0.0068	0.0028	0.0108		
Manganese	17	17	2.0149	1.1620	3.7200		
Mercury	14	0					
Nickel	17	14	0.0580	0.0100	0.1800		
Selenium	17	2	0.0270	0.0260	0.0280		
Tin	17	9	0.1143	0.0210	0.8000		
Titanium	17	12	0.1838	0.1080	0.6690		
Zinc	17	17	5.6003	3.9480	9.0440		
All Metals and Elements	252	152					

CRANBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	0.5234	0.4450	0.6560		
Arsenic	5	4	0.0075	0.0064	0.0089		
Boron	5	5	0.6052	0.4010	0.6870		
Cadmium	5	4	0.0158	0.0055	0.0208		
Chromium	5	5	0.0286	0.0140	0.0560		
Copper	5	5	0.4184	0.3540	0.5340		
Iron	5	5	1.8396	1.4550	2.4890		
Lead	5	4	0.0041	0.0028	0.0052		
Manganese	5	5	2.1752	0.5540	7.5790		
Mercury	5	0					
Nickel	5	5	0.0752	0.0230	0.2140		
Selenium	5	0					
Tin	5	2	0.0245	0.0210	0.0280		
Titanium	5	5	0.1394	0.1230	0.1670		
Zinc	5	5	0.6702	0.6330	0.7880		
All Metals and Elements	75	59					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CUCUMBER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	10	0.5854	0.1210	1.2140		
Arsenic	10	4	0.0115	0.0075	0.0182		
Boron	10	10	0.7521	0.3590	1.2000		
Cadmium	10	7	0.0039	0.0024	0.0062		
Chromium	10	7	0.0290	0.0130	0.0600		
Copper	10	10	0.5644	0.1740	1.7100		
Iron	10	10	3.1597	1.8130	4.4000		
Lead	10	0					
Manganese	10	10	0.7807	0.4900	1.6750		
Mercury	8	0					
Nickel	10	8	0.0836	0.0170	0.4150		
Selenium	10	1	0.0220	0.0220	0.0220		
Tin	10	4	0.0298	0.0220	0.0440		
Titanium	10	8	0.1901	0.1360	0.2240		
Zinc	10	10	1.4539	0.9760	2.8600		
All Metals and Elements	148	99					

CUCUMBER, FRESH (GH)							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	6	0					
Arsenic	6	1	0.0176	0.0176	0.0176		
Boron	6	5	0.7582	0.5820	1.0880		
Cadmium	6	0					
Chromium	6	3	0.0130	0.0120	0.0150		
Copper	6	5	0.1422	0.0810	0.1930		
Iron	6	5	3.2704	1.0790	7.4810		
Lead	6	1	0.1100	0.1100	0.1100		
Manganese	6	6	1.0140	0.4760	1.5090		
Mercury	5	0					
Nickel	6	2	0.0145	0.0100	0.0190		
Selenium	6	0					
Tin	6	0					
Titanium	6	5	0.2808	0.1560	0.5030		
Zinc	6	6	1.5603	0.5100	4.8820		
All Metals and Elements	89	39					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

EGGPLANT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1840	0.1840	0.1840		
Arsenic	1	0					
Boron	1	1	1.1640	1.1640	1.1640		
Cadmium	1	0					
Chromium	1	1	0.0270	0.0270	0.0270		
Copper	1	1	0.3160	0.3160	0.3160		
Iron	1	1	1.2020	1.2020	1.2020		
Lead	1	0					
Manganese	1	1	1.1280	1.1280	1.1280		
Mercury	1	0					
Nickel	1	0					
Selenium	1	0					
Tin	1	1	0.0300	0.0300	0.0300		
Titanium	1	1	0.1680	0.1680	0.1680		
Zinc	1	1	0.1860	0.1860	0.1860		
All Metals and Elements	15	9					

GARLIC, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	6.8500	4.4910	9.2090		
Arsenic	2	2	0.0172	0.0144	0.0199		
Boron	2	2	2.7705	2.5090	3.0320		
Cadmium	2	2	0.0197	0.0171	0.0223		
Chromium	2	2	0.0630	0.0440	0.0820		
Copper	2	2	1.8620	1.8510	1.8730		
Iron	2	2	14.5750	11.7200	17.4300		
Lead	2	2	0.0068	0.0043	0.0093		
Manganese	2	2	3.7295	3.3600	4.0990		
Mercury	2	0					
Nickel	2	2	0.1385	0.1380	0.1390		
Selenium	2	1	0.5550	0.5550	0.5550		
Tin	2	1	0.0330	0.0330	0.0330		
Titanium	2	2	1.3260	0.9140	1.7380		
Zinc	2	2	7.4275	6.8060	8.0490		
All Metals and Elements	30	26					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GRAPE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	7	0.7839	0.3250	1.9550		
Arsenic	7	0					
Boron	7	7	3.4619	2.0300	7.6880		1
Cadmium	7	0					
Chromium	7	3	0.0283	0.0170	0.0440		
Copper	7	7	1.0026	0.5290	1.4960		
Iron	7	7	2.8940	1.7980	4.4210		
Lead	7	1	0.0032	0.0032	0.0032		
Manganese	7	7	1.5640	0.2800	6.6200		
Mercury	7	0					
Nickel	7	5	0.0214	0.0130	0.0350		
Selenium	7	0					
Tin	7	3	0.0270	0.0220	0.0330		
Titanium	7	7	0.2910	0.1850	0.5050		
Zinc	7	7	0.6499	0.3220	1.0580		
All Metals and Elements	105	61					1

LETTUCE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	18	15	8.3499	0.1830	39.0000		3
Arsenic	18	8	0.0084	0.0054	0.0187		
Boron	18	17	1.2025	0.4670	2.7000		
Cadmium	18	14	0.0219	0.0020	0.0660		
Chromium	18	11	0.0671	0.0110	0.2160		
Copper	18	15	0.4099	0.1240	1.8200		
Iron	18	17	13.3861	0.6240	67.8000		1
Lead	18	9	0.0385	0.0048	0.2126		
Manganese	18	18	2.3212	0.3900	8.0400		
Mercury	14	0					
Nickel	18	7	0.0317	0.0160	0.0750		
Selenium	18	1	0.0330	0.0330	0.0330		
Tin	18	5	0.0374	0.0220	0.0640		
Titanium	18	15	0.4874	0.1530	1.7540		
Zinc	18	18	2.5093	0.7400	10.5000		
All Metals and Elements	266	170					4

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MELON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.7000	0.7000	0.7000		
Arsenic	1	0					
Boron	1	1	1.0000	1.0000	1.0000		
Cadmium	1	0					
Chromium	1	1	0.0300	0.0300	0.0300		
Copper	1	1	1.1700	1.1700	1.1700		
Iron	1	1	1.4000	1.4000	1.4000		
Lead	1	0					
Manganese	1	1	0.2100	0.2100	0.2100		
Nickel	1	0					
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	0.4000	0.4000	0.4000		
All Metals and Elements	14	7					

MUSHROOM, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	7	0.4727	0.1300	1.2290		
Arsenic	10	6	0.0239	0.0124	0.0694		
Boron	10	10	1.4132	0.1740	5.3270		1
Cadmium	10	6	0.0082	0.0025	0.0298		
Chromium	10	7	0.0600	0.0170	0.2580		
Copper	10	10	2.3205	0.9250	4.6180		
Iron	10	10	3.2273	0.7100	10.4500		
Lead	10	4	0.0030	0.0023	0.0036		
Manganese	10	10	0.5115	0.2070	1.0720		
Mercury	9	0					
Nickel	10	3	0.0130	0.0120	0.0150		
Selenium	10	10	0.1649	0.0570	0.4510		
Tin	10	3	0.0560	0.0400	0.0860		
Titanium	10	8	0.3509	0.0300	0.9480		
Zinc	10	10	4.2049	1.4190	7.1410		
All Metals and Elements	149	104					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

NECTARINE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	0.3972	0.1650	0.7320		
Arsenic	5	0					
Boron	5	5	4.6634	2.0000	5.9570		3
Cadmium	5	2	0.0032	0.0024	0.0039		
Chromium	5	4	0.0703	0.0400	0.1280		
Copper	5	5	1.0072	0.6170	1.8900		
Iron	5	5	2.7534	1.1990	6.5000		
Lead	5	0					
Manganese	5	5	0.5992	0.4380	0.8500		
Mercury	4	0					
Nickel	5	4	0.0780	0.0420	0.1300		
Selenium	5	0					
Tin	5	2	0.0305	0.0210	0.0400		
Titanium	5	4	0.1865	0.1540	0.2450		
Zinc	5	5	1.1806	0.6640	2.6900		
All Metals and Elements	74	46					3

ONION, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	7	0.3594	0.1210	0.7000		
Arsenic	13	4	0.0109	0.0055	0.0200		
Boron	13	13	1.3517	0.5280	2.9000		
Cadmium	13	11	0.0080	0.0029	0.0200		
Chromium	13	7	0.1344	0.0220	0.4900		
Copper	13	13	0.4783	0.1840	1.6400		
Iron	13	13	2.6251	1.2720	7.4000		
Lead	13	1	0.0035	0.0035	0.0035		
Manganese	13	13	1.0688	0.6200	2.2700		
Mercury	11	0					
Nickel	13	7	0.0276	0.0110	0.0600		
Selenium	13	1	0.0500	0.0500	0.0500		
Tin	13	3	0.0310	0.0290	0.0340		
Titanium	13	11	0.3120	0.1690	0.6680		
Zinc	13	13	1.3128	0.5190	3.0100		
All Metals and Elements	193	117					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ONION, FRESH GREEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	9	3.4742	0.1490	7.3610		
Arsenic	10	7	0.0085	0.0054	0.0112		
Boron	10	9	1.1303	0.5540	2.1090		
Cadmium	10	9	0.0310	0.0050	0.1484		1
Chromium	10	9	0.0258	0.0100	0.0560		
Copper	10	9	0.3056	0.0780	0.6290		
Iron	10	9	6.7557	3.2610	10.3400		
Lead	10	7	0.0119	0.0022	0.0215		
Manganese	10	10	1.8862	0.5260	4.0480		
Mercury	9	0					
Nickel	10	6	0.0257	0.0120	0.0440		
Selenium	10	0					
Tin	10	7	0.0289	0.0200	0.0530		
Titanium	10	9	0.2872	0.1490	0.4100		
Zinc	10	10	1.9632	0.4270	4.0980		
All Metals and Elements	149	110					1

PARSNIP, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	9	4.0552	0.5100	27.7400		1
Arsenic	10	5	0.0146	0.0055	0.0300		
Boron	10	10	5.1619	2.7780	9.7000		3
Cadmium	10	10	0.0444	0.0098	0.0700		
Chromium	10	9	0.0557	0.0100	0.1340		
Copper	10	10	1.2911	0.7940	2.7700		
Iron	10	10	7.3936	3.4170	15.7000		
Lead	10	5	0.0048	0.0026	0.0078		
Manganese	10	10	3.2441	1.0600	8.7720		
Mercury	7	0					
Nickel	10	10	0.2008	0.0660	0.5110		
Selenium	10	2	0.0350	0.0300	0.0400		
Tin	10	2	0.0340	0.0210	0.0470		
Titanium	10	8	0.5364	0.0300	0.7700		
Zinc	10	10	3.9506	2.0020	6.9100		
All Metals and Elements	147	110					4

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	4	0.8475	0.3340	1.6000		
Arsenic	4	1	0.0055	0.0055	0.0055		
Boron	4	4	1.7895	1.2130	2.3000		
Cadmium	4	2	0.0046	0.0037	0.0055		
Chromium	4	4	0.0223	0.0110	0.0400		
Copper	4	4	1.3548	0.4800	2.1240		
Iron	4	4	12.4535	9.2840	17.3900		
Lead	4	1	0.0194	0.0194	0.0194		
Manganese	4	4	3.5565	1.3480	6.0960		
Mercury	3	0					
Nickel	4	3	0.1853	0.0330	0.2710		
Selenium	4	0					
Tin	4	3	0.0367	0.0230	0.0550		
Titanium	4	3	0.8770	0.6250	1.1780		
Zinc	4	4	5.8548	3.5520	10.3600		
All Metals and Elements	59	41					

PEACH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	20	19	2.1593	0.4240	11.9000		1
Arsenic	20	2	0.0067	0.0061	0.0072		
Boron	20	19	3.2222	0.8000	5.8000		3
Cadmium	20	4	0.0047	0.0021	0.0118		
Chromium	20	11	0.0771	0.0100	0.5680		
Copper	20	18	0.9284	0.5030	2.1800		
Iron	20	19	2.4541	0.9000	5.3210		
Lead	20	11	0.0034	0.0021	0.0053		
Manganese	20	20	0.4775	0.0900	0.6750		
Mercury	12	0					
Nickel	20	12	0.0659	0.0220	0.1080		
Selenium	20	0					
Tin	20	4	0.1193	0.0260	0.2140		
Titanium	20	12	0.1719	0.1010	0.2460		
Zinc	20	20	1.0172	0.5870	3.0400		
All Metals and Elements	292	171					4

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEAR, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	10	0.4700	0.1150	1.0000		
Arsenic	10	0					
Boron	10	10	3.6939	1.3860	7.5000		2
Cadmium	10	2	0.0038	0.0022	0.0054		
Chromium	10	6	0.1087	0.0100	0.4500		
Copper	10	6	0.8898	0.5400	1.9700		
Iron	10	10	1.6930	0.9000	3.2000		
Lead	10	0					
Manganese	10	9	0.5132	0.2560	0.9600		
Mercury	4	0					
Nickel	10	4	0.0623	0.0300	0.1240		
Selenium	10	0					
Tin	10	2	0.0450	0.0240	0.0660		
Titanium	10	4	0.1515	0.1070	0.1920		
Zinc	10	10	1.4184	0.6700	3.1500		
All Metals and Elements	144	73					2

PEPPER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	6	3	0.4000	0.3000	0.5000		
Arsenic	6	0					
Boron	6	6	1.3107	0.5640	3.2000		
Cadmium	6	1	0.0215	0.0215	0.0215		
Chromium	6	2	0.0340	0.0300	0.0380		
Copper	6	2	0.8745	0.4490	1.3000		
Iron	6	6	3.4005	2.3000	5.2000		
Lead	6	0					
Manganese	6	5	0.9230	0.0900	2.3000		
Mercury	1	0					
Nickel	6	0					
Selenium	6	0					
Tin	6	1	0.0460	0.0460	0.0460		
Titanium	6	1	0.1320	0.1320	0.1320		
Zinc	6	6	1.8878	0.6970	2.5300		
All Metals and Elements	85	33					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEPPER, FRESH (GH)							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	23	15	0.4387	0.1020	2.8000		
Arsenic	23	0					
Boron	23	21	1.0537	0.4900	1.7000		
Cadmium	23	1	0.0100	0.0100	0.0100		
Chromium	23	9	0.0362	0.0100	0.1610		
Copper	23	18	0.2859	0.1540	0.5100		
Iron	23	21	3.7899	2.5900	5.2000		
Lead	23	4	0.0208	0.0033	0.0400		
Manganese	23	23	1.2560	0.5000	1.9440		
Mercury	18	0					
Nickel	23	3	0.0290	0.0120	0.0600		
Selenium	23	0					
Tin	23	6	0.0237	0.0200	0.0300		
Titanium	23	18	0.1649	0.1150	0.2490		
Zinc	23	23	1.7214	1.0170	2.4720		
All Metals and Elements	340	162					

PEPPER, FRESH HOT							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.4640	0.4640	0.4640		
Arsenic	1	0					
Boron	1	1	1.0780	1.0780	1.0780		
Cadmium	1	1	0.0034	0.0034	0.0034		
Chromium	1	0					
Copper	1	1	2.3180	2.3180	2.3180		
Iron	1	1	2.5980	2.5980	2.5980		
Lead	1	0					
Manganese	1	1	1.4000	1.4000	1.4000		
Mercury	1	0					
Nickel	1	1	0.0110	0.0110	0.0110		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.2270	0.2270	0.2270		
Zinc	1	1	1.2500	1.2500	1.2500		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PLUM, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	12	0.6792	0.1650	2.1000		
Arsenic	12	0					
Boron	12	12	4.5321	1.9180	7.3000		5
Cadmium	12	0					
Chromium	12	7	0.1037	0.0150	0.5710		
Copper	12	11	0.9945	0.3840	1.7700		
Iron	12	12	2.1448	0.7000	4.7120		
Lead	12	1	0.0033	0.0033	0.0033		
Manganese	12	11	0.6093	0.3000	1.1360		
Mercury	8	0					
Nickel	12	8	0.0473	0.0140	0.0790		
Selenium	12	0					
Tin	12	0					
Titanium	12	8	0.1799	0.1400	0.2520		
Zinc	12	12	1.3573	0.6870	6.1600		
All Metals and Elements	176	94					5

POTATO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	123	119	18.0189	0.1230	142.4000		36
Arsenic	123	43	0.0252	0.0020	0.1214		
Boron	123	122	1.2469	0.3000	5.1000		2
Cadmium	123	113	0.0332	0.0027	0.1300		2
Chromium	123	92	0.0816	0.0110	0.8100		
Copper	123	115	1.0011	0.2850	2.6100		
Iron	123	123	22.1093	1.1330	170.0000		15
Lead	123	75	0.0219	0.0020	0.2372		
Manganese	123	122	2.4049	0.1500	11.2000		1
Mercury	90	0					
Nickel	123	104	0.1029	0.0100	0.8500		
Selenium	123	12	0.0642	0.0100	0.4700		
Tin	123	51	0.0701	0.0060	0.4000		
Titanium	123	99	0.6228	0.0230	3.0530		1
Zinc	123	123	3.2217	0.2350	8.2300		
All Metals and Elements	1812	1313					57

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PUMPKIN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.2973	0.2000	0.4000		
Arsenic	3	0					
Boron	3	3	1.2463	0.4440	2.5000		
Cadmium	3	1	0.0034	0.0034	0.0034		
Chromium	3	0					
Copper	3	2	0.1505	0.1070	0.1940		
Iron	3	3	1.7063	1.1960	2.3230		
Lead	3	0					
Manganese	3	3	1.1720	0.2280	1.9600		
Mercury	2	0					
Nickel	3	2	0.0190	0.0130	0.0250		
Selenium	3	0					
Tin	3	0					
Titanium	3	1	0.1420	0.1420	0.1420		
Zinc	3	3	1.1717	0.7380	1.7600		
All Metals and Elements	44	21					

RADISH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	10	2.7029	0.1870	7.1800		
Arsenic	10	2	0.0059	0.0059	0.0059		
Boron	10	10	1.3439	0.7850	4.2670		
Cadmium	10	8	0.0118	0.0033	0.0303		
Chromium	10	7	0.0206	0.0120	0.0280		
Copper	10	10	0.2895	0.1220	1.2000		
Iron	10	10	4.2659	1.3230	10.0600		
Lead	10	8	0.0072	0.0032	0.0143		
Manganese	10	10	0.7768	0.2120	1.8280		
Mercury	10	0					
Nickel	10	7	0.0279	0.0100	0.0900		
Selenium	10	0					
Tin	10	1	0.0220	0.0220	0.0220		
Titanium	10	10	0.2751	0.1240	0.5980		
Zinc	10	10	1.2566	0.6950	2.4530		
All Metals and Elements	150	103					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RASPBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	7	3.2536	0.3000	11.1800		1
Arsenic	7	4	0.0058	0.0050	0.0066		
Boron	7	6	3.2497	1.7120	7.7730		1
Cadmium	7	6	0.0106	0.0030	0.0218		
Chromium	7	3	0.0643	0.0390	0.0900		
Copper	7	6	0.8530	0.6260	1.1060		
Iron	7	6	9.9738	5.3940	12.7300		
Lead	7	5	0.0054	0.0027	0.0100		
Manganese	7	7	3.2764	1.5100	5.8880		
Mercury	6	0					
Nickel	7	6	0.6113	0.0120	2.4450		1
Selenium	7	0					
Tin	7	1	0.0250	0.0250	0.0250		
Titanium	7	6	0.5412	0.2140	0.8190		
Zinc	7	7	3.0854	1.9000	4.0630		
All Metals and Elements	104	70					3

RHUBARB, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	11	10.3000	1.0530	53.7600		3
Arsenic	11	0					
Boron	11	11	1.5389	1.0000	2.7000		
Cadmium	11	9	0.0210	0.0046	0.0817		
Chromium	11	9	0.0449	0.0120	0.1610		
Copper	11	10	0.4734	0.1010	1.8600		
Iron	11	11	6.9905	1.1840	32.0000		
Lead	11	10	0.0174	0.0033	0.0561		
Manganese	11	11	2.3006	0.3140	8.2920		
Mercury	9	0					
Nickel	11	9	0.1187	0.0120	0.4200		
Selenium	11	0					
Tin	11	6	0.0853	0.0230	0.3520		
Titanium	11	8	0.4040	0.1560	0.7000		
Zinc	11	11	1.8030	0.2260	7.3360		
All Metals and Elements	163	116					3

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RUTABAGA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	7	1.0800	0.1870	2.5740		
Arsenic	12	2	0.0150	0.0100	0.0200		
Boron	12	12	2.2231	1.1090	5.4000		
Cadmium	12	11	0.0097	0.0024	0.0300		
Chromium	12	5	0.0514	0.0140	0.0900		
Copper	12	11	0.5242	0.0880	4.1900		
Iron	12	12	3.8074	1.3640	11.6000		
Lead	12	1	0.0400	0.0400	0.0400		
Manganese	12	12	1.0253	0.3950	3.2500		
Mercury	10	0					
Nickel	12	10	0.3296	0.0110	1.6000		2
Selenium	12	3	0.0413	0.0250	0.0600		
Tin	12	4	0.0338	0.0280	0.0410		
Titanium	12	10	0.4691	0.2150	1.3460		
Zinc	12	12	1.5981	0.7240	4.4000		
All Metals and Elements	178	112					2

SASKATOON BERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	4.9410	4.7940	5.0880		
Arsenic	2	0					
Boron	2	2	6.6785	4.4360	8.9210		1
Cadmium	2	2	0.0154	0.0146	0.0162		
Chromium	2	2	0.0135	0.0130	0.0140		
Copper	2	2	0.4785	0.3810	0.5760		
Iron	2	2	7.8155	7.4810	8.1500		
Lead	2	2	0.0033	0.0032	0.0034		
Manganese	2	2	6.8395	5.5870	8.0920		
Mercury	2	0					
Nickel	2	2	0.1455	0.1410	0.1500		
Selenium	2	0					
Tin	2	0					
Titanium	2	2	0.2805	0.2750	0.2860		
Zinc	2	2	1.8095	1.5090	2.1100		
All Metals and Elements	30	22					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SHALLOT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	1.6940	1.6940	1.6940		
Cadmium	1	1	0.0108	0.0108	0.0108		
Chromium	1	1	0.0270	0.0270	0.0270		
Copper	1	1	0.3340	0.3340	0.3340		
Iron	1	1	2.1520	2.1520	2.1520		
Lead	1	0					
Manganese	1	1	1.6220	1.6220	1.6220		
Mercury	1	0					
Nickel	1	1	0.0130	0.0130	0.0130		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.4370	0.4370	0.4370		
Zinc	1	1	2.5530	2.5530	2.5530		
All Metals and Elements	15	9					

SPINACH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	10	29.0868	3.2000	122.5000		7
Arsenic	10	10	0.0163	0.0060	0.0707		
Boron	10	9	1.9787	1.1670	2.6490		
Cadmium	10	10	0.0951	0.0186	0.2114		1
Chromium	10	9	0.0974	0.0260	0.2830		
Copper	10	9	0.6734	0.3620	0.9530		
Iron	10	10	47.1540	5.7000	205.8000		1
Lead	10	10	0.1239	0.0288	0.7620		1
Manganese	10	10	10.6405	2.5000	27.2100		4
Mercury	9	0					
Nickel	10	9	0.0518	0.0150	0.1660		
Selenium	10	0					
Tin	10	4	0.0233	0.0210	0.0250		
Titanium	10	10	1.6717	0.3000	5.9050		1
Zinc	10	10	7.6014	3.0950	12.0800		
All Metals and Elements	149	120					15

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SQUASH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	4	0.3270	0.1150	0.5800		
Arsenic	11	0					
Boron	11	11	1.9294	0.3000	5.5000		1
Cadmium	11	1	0.0032	0.0032	0.0032		
Chromium	11	2	0.0110	0.0110	0.0110		
Copper	11	9	0.5829	0.2200	1.5000		
Iron	11	11	2.8522	0.8000	5.7690		
Lead	11	4	0.0053	0.0024	0.0111		
Manganese	11	9	0.6384	0.3330	1.1470		
Mercury	9	0					
Nickel	11	9	0.0558	0.0160	0.0990		
Selenium	11	0					
Tin	11	6	0.0427	0.0200	0.0790		
Titanium	11	9	0.2170	0.1340	0.3830		
Zinc	11	10	1.4458	0.4700	3.8610		
All Metals and Elements	163	85					1

STRAWBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	7	3.3641	0.2610	10.8800		1
Arsenic	7	1	0.0065	0.0065	0.0065		
Boron	7	7	1.6417	0.4570	3.7320		
Cadmium	7	4	0.0066	0.0023	0.0145		
Chromium	7	4	0.0180	0.0110	0.0320		
Copper	7	7	0.5087	0.2700	0.8990		
Iron	7	7	5.0654	1.3750	10.4100		
Lead	7	5	0.0093	0.0042	0.0145		
Manganese	7	7	2.6760	0.5950	5.0810		
Mercury	7	0					
Nickel	7	7	0.0371	0.0100	0.0970		
Selenium	7	0					
Tin	7	2	0.0545	0.0250	0.0840		
Titanium	7	7	0.2980	0.1350	0.5370		
Zinc	7	7	0.9616	0.6950	1.2070		
All Metals and Elements	105	72					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SWISS CHARD, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	6.8017	3.3480	12.9500		1
Arsenic	3	0					
Boron	3	3	3.0570	2.0510	4.9120		
Cadmium	3	3	0.0247	0.0045	0.0628		
Chromium	3	3	0.0353	0.0250	0.0420		
Copper	3	3	0.7517	0.3780	1.3070		
Iron	3	3	8.9193	3.2340	18.0400		1
Lead	3	3	0.0137	0.0075	0.0229		
Manganese	3	3	3.9787	1.2200	9.1000		
Mercury	3	0					
Nickel	3	3	0.0557	0.0120	0.1300		
Selenium	3	0					
Tin	3	1	0.0360	0.0360	0.0360		
Titanium	3	3	0.4993	0.2850	0.8900		
Zinc	3	3	3.1687	0.9700	7.0480		
All Metals and Elements	45	34					2

TOMATO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	33	25	0.5098	0.1130	1.7000		
Arsenic	33	0					
Boron	33	33	0.6982	0.2000	1.0480		2
Cadmium	33	15	0.0102	0.0025	0.0273		
Chromium	33	17	0.0627	0.0110	0.5210		
Copper	33	28	0.7165	0.0840	2.3600		
Iron	33	33	3.1360	0.7740	7.6000		
Lead	33	3	0.0068	0.0036	0.0100		
Manganese	33	33	1.2379	0.1500	3.0400		
Mercury	23	0					
Nickel	33	10	0.0236	0.0100	0.0520		
Selenium	33	0					
Tin	33	10	0.0399	0.0210	0.0730		
Titanium	33	22	0.2292	0.1150	0.4050		
Zinc	33	33	1.0830	0.5290	2.2000		
All Metals and Elements	485	262					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

TOMATO, FRESH (GH)							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	14	9	5.0647	0.1020	40.6600		1
Arsenic	14	1	0.0104	0.0104	0.0104		
Boron	14	14	0.7628	0.5000	1.3240		2
Cadmium	14	4	0.0234	0.0041	0.0558		
Chromium	14	2	0.0455	0.0120	0.0790		
Copper	14	9	0.2222	0.0810	0.4420		
Iron	14	14	6.0442	1.1530	57.2600		1
Lead	14	3	0.0225	0.0100	0.0400		
Manganese	14	14	1.3703	0.4540	5.9330		
Mercury	9	0					
Nickel	14	4	0.0450	0.0190	0.0600		
Selenium	14	0					
Tin	14	3	0.0960	0.0270	0.2330		
Titanium	14	9	0.5822	0.1170	3.4660		1
Zinc	14	14	1.0525	0.2400	3.9900		
All Metals and Elements	205	100					5

WATERMELON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	1	1.3000	1.3000	1.3000		
Arsenic	2	0					
Boron	2	2	1.5220	0.8440	2.2000		
Cadmium	2	0					
Chromium	2	2	0.1190	0.0400	0.1980		
Copper	2	2	1.1235	0.1570	2.0900		
Iron	2	2	1.5290	1.4580	1.6000		
Lead	2	0					
Manganese	2	2	0.3675	0.1350	0.6000		
Mercury	1	0					
Nickel	2	1	0.0260	0.0260	0.0260		
Selenium	2	0					
Tin	2	0					
Titanium	2	0					
Zinc	2	2	0.4725	0.4100	0.5350		
All Metals and Elements	29	14					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ZUCCHINI, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	5	0.5810	0.1170	0.9350		
Arsenic	8	0					
Boron	8	6	1.5673	0.7840	3.9000		
Cadmium	8	2	0.0028	0.0027	0.0029		
Chromium	8	2	0.0250	0.0200	0.0300		
Copper	8	6	0.7972	0.2550	2.7900		
Iron	8	6	2.8735	1.1000	3.9270		
Lead	8	2	0.0065	0.0028	0.0102		
Manganese	8	8	0.9645	0.3720	1.8260		
Mercury	5	0					
Nickel	8	7	0.1063	0.0160	0.4000		
Selenium	8	0					
Tin	8	2	0.0265	0.0200	0.0330		
Titanium	8	5	0.2254	0.1240	0.3650		
Zinc	8	8	2.1290	0.7250	3.3600		
All Metals and Elements	117	59					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Directed Sampling of Domestic Fresh Fruit & Vegetable Products By Specific Tests

APPLES, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
ALAR PRETEST	5	Daminozide					

MUSHROOM, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	4	Dithiocarbamate	3	0.1233	0.1000	0.1500	

PEACH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	5	Pesticide Screen	5				
PESTICIDE PRETEST	5	Captan	5	0.0432	0.0340	0.0520	

POTATO, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
THIABENDAZOLE PRETES	4	Thiabendazole	1	0.3000	0.3000	0.3000	

RADISH, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	4	Dithiocarbamate	4	0.6950	0.5000	0.9200	

RUTABAGA, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	1	Dithiocarbamate	1	2.0000	2.0000	2.0000	

TOMATO, FRESH

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	3	Pesticide Screen					

TOMATO, FRESH (GH)

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positives[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	2	Pesticide Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Pesticide Residue Monitoring in Import Fresh Fruit & Vegetable Products By Country & Specific Tests

APPLES, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	ARGENTINA	1	Abamectin					
ABAMECTIN	NEW ZEALAND	1	Abamectin					
ABAMECTIN	SOUTH AFRICA	1	Abamectin					
ABAMECTIN	UNITED STATES	7	Abamectin					
ALAR	CHILE	2	Daminozide					
ALAR	CHINA	1	Daminozide					
ALAR	NEW ZEALAND	1	Daminozide					
ALAR	UNITED STATES	25	Daminozide					
AMITRAZ	CHILE	2	Amitraz					
AMITRAZ	CHINA	1	Amitraz					
AMITRAZ	NEW ZEALAND	1	Amitraz					
AMITRAZ	UNITED STATES	27	Amitraz					
BENOMYL	ARGENTINA	1	Benomyl					
BENOMYL	CHILE	4	Benomyl					
BENOMYL	CHINA	5	Benomyl	4	0.0590	0.0200	0.0921	
BENOMYL	NEW ZEALAND	5	Benomyl					
BENOMYL	SOUTH AFRICA	2	Benomyl					
BENOMYL	UNITED STATES	47	Benomyl	5	0.0345	0.0096	0.0510	
EBDC(DC)	ARGENTINA	1	Dithiocarbamate					
EBDC(DC)	CHILE	4	Dithiocarbamate	1	0.9500	0.9500	0.9500	
EBDC(DC)	CHINA	6	Dithiocarbamate					
EBDC(DC)	NEW ZEALAND	5	Dithiocarbamate					
EBDC(DC)	SOUTH AFRICA	2	Dithiocarbamate	1	0.8200	0.8200	0.8200	
EBDC(DC)	UNITED STATES	52	Dithiocarbamate	5	0.3540	0.1700	0.7000	
EBDC(EBDC)	ARGENTINA	1	Ethylene Diamine					
EBDC(EBDC)	CHILE	4	Ethylene Diamine	1	0.1730	0.1730	0.1730	
EBDC(EBDC)	CHINA	6	Ethylene Diamine	2	0.1865	0.1840	0.1890	
EBDC(EBDC)	NEW ZEALAND	5	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	2	Ethylene Diamine	1	0.6900	0.6900	0.6900	
EBDC(EBDC)	UNITED STATES	58	Ethylene Diamine	3	0.2820	0.2370	0.3200	
EBDC(ETU)	ARGENTINA	1	Ethylene Thiourea					
EBDC(ETU)	CHILE	4	Ethylene Thiourea					
EBDC(ETU)	CHINA	4	Ethylene Thiourea					
EBDC(ETU)	NEW ZEALAND	5	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	46	Ethylene Thiourea					
FORMETANATE	CHILE	3	Formetanate					
FORMETANATE	CHINA	4	Formetanate					
FORMETANATE	NEW ZEALAND	1	Formetanate					
FORMETANATE	UNITED STATES	32	Formetanate					
PESTICIDES-F052	ARGENTINA	2	Pesticide Screen					
PESTICIDES-F052	CHILE	5	Pesticide Screen	4				
PESTICIDES-F052	CHILE	5	Carbaryl	1	0.0027	0.0027	0.0027	
PESTICIDES-F052	CHILE	5	Chlorpyrifos	1	0.0880	0.0880	0.0880	1
PESTICIDES-F052	CHILE	5	Diphenylamine	3	0.1118	0.0053	0.2850	

APPLES, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	CHINA	7	Pesticide Screen	3				
PESTICIDES-F052	CHINA	7	Diphenylamine	2	0.3690	0.2810	0.4570	
PESTICIDES-F052	CHINA	7	Fenpropathrin	1	0.0477	0.0477	0.0477	
PESTICIDES-F052	CHINA	7	Triadimenol	1	0.0088	0.0088	0.0088	
PESTICIDES-F052	NEW ZEALAND	10	Pesticide Screen	6				
PESTICIDES-F052	NEW ZEALAND	10	Captan	5	0.1696	0.0390	0.2550	
PESTICIDES-F052	NEW ZEALAND	10	Diphenylamine	1	0.0080	0.0080	0.0080	
PESTICIDES-F052	SOUTH AFRICA	3	Pesticide Screen	3				
PESTICIDES-F052	SOUTH AFRICA	3	Diphenylamine	3	0.9667	0.0100	1.4900	
PESTICIDES-F052	SOUTH AFRICA	3	Iprodione	1	0.0410	0.0410	0.0410	
PESTICIDES-F052	UNITED STATES	84	Pesticide Screen	52				
PESTICIDES-F052	UNITED STATES	84	2-phenylphenol (ortho-phenylphenol)	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	UNITED STATES	84	Azinphos-methyl	3	0.0510	0.0270	0.0950	
PESTICIDES-F052	UNITED STATES	84	Captan	8	0.2809	0.0168	1.5200	
PESTICIDES-F052	UNITED STATES	84	Carbaryl	2	0.0099	0.0055	0.0142	
PESTICIDES-F052	UNITED STATES	84	Diazinon	3	0.0033	0.0028	0.0040	
PESTICIDES-F052	UNITED STATES	84	Diazinon o analogue	2	0.0396	0.0210	0.0581	
PESTICIDES-F052	UNITED STATES	84	Diphenylamine	47	0.2281	0.0039	1.8040	
PESTICIDES-F052	UNITED STATES	84	Endosulfan Total	2	0.1315	0.0180	0.2450	
PESTICIDES-F052	UNITED STATES	84	Fludioxonil	2	0.0312	0.0210	0.0414	
PESTICIDES-F052	UNITED STATES	84	Phosmet	4	0.1014	0.0279	0.2738	
PESTICIDES-F052	UNITED STATES	84	Pyridaben	1	0.0084	0.0084	0.0084	
THIABENDAZOLE	ARGENTINA	2	Thiabendazole					
THIABENDAZOLE	CHILE	2	Thiabendazole	2	0.3130	0.2600	0.3660	
THIABENDAZOLE	CHINA	3	Thiabendazole					
THIABENDAZOLE	NEW ZEALAND	5	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	42	Thiabendazole	25	0.6609	0.0100	2.3700	

APRICOT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHILE	1	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHILE	1	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	CHILE	3	Benomyl	2	0.0755	0.0350	0.1159	
BENOMYL	NEW ZEALAND	1	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl	1	0.0109	0.0109	0.0109	
EBDC(DC)	CHILE	3	Dithiocarbamate					
EBDC(DC)	NEW ZEALAND	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate	1	1.0900	1.0900	1.0900	
EBDC(EBDC)	CHILE	5	Ethylene Diamine					
EBDC(EBDC)	NEW ZEALAND	1	Ethylene Diamine					

APRICOT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	CHILE	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					
FORMETANATE	CHILE	2	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	CHILE	4	Pesticide Screen	3				
PESTICIDES-F052	CHILE	4	Captan	1	0.1720	0.1720	0.1720	
PESTICIDES-F052	CHILE	4	Carbaryl	3	0.8655	0.0303	1.8260	
PESTICIDES-F052	CHILE	4	Cyprodinil	1	0.0741	0.0741	0.0741	
PESTICIDES-F052	CHILE	4	Iprodione	1	1.7026	1.7026	1.7026	
PESTICIDES-F052	CHILE	4	Propiconazole	1	0.0081	0.0081	0.0081	
PESTICIDES-F052	NEW ZEALAND	1	Pesticide Screen	1				
PESTICIDES-F052	NEW ZEALAND	1	Captan	1	0.0790	0.0790	0.0790	
PESTICIDES-F052	NEW ZEALAND	1	Carbaryl	1	0.2720	0.2720	0.2720	
PESTICIDES-F052	NEW ZEALAND	1	Iprodione	1	0.6200	0.6200	0.6200	
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen					
THIABENDAZOLE	CHILE	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

ARTICHOKE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	ITALY	2	Benomyl					
BENOMYL	UNITED STATES	18	Benomyl					
EBDC(DC)	ITALY	2	Dithiocarbamate					
EBDC(DC)	UNITED STATES	19	Dithiocarbamate	1	0.4900	0.4900	0.4900	1
EBDC(EBDC)	ITALY	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	20	Ethylene Diamine					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	19	Ethylene Thiourea					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	ITALY	2	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	20	Pesticide Screen	7				
PESTICIDES-F052	UNITED STATES	20	Cyfluthrin (I,II,III,IV)	1	0.0270	0.0270	0.0270	
PESTICIDES-F052	UNITED STATES	20	Esfenvalerate	5	0.0556	0.0331	0.0710	
PESTICIDES-F052	UNITED STATES	20	Fenvalerate	5	0.1032	0.0780	0.1380	2
PESTICIDES-F052	UNITED STATES	20	Myclobutanil	4	0.0668	0.0100	0.0930	
THIABENDAZOLE	ITALY	2	Thiabendazole					
THIABENDAZOLE	UNITED STATES	14	Thiabendazole					

ASPARAGUS, FRESH

ASPARAGUS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	ARGENTINA	1	Daminozide					
AMITRAZ	MEXICO	1	Amitraz					
AMITRAZ	PERU	3	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	ARGENTINA	1	Benomyl					
BENOMYL	MEXICO	6	Benomyl					
BENOMYL	PERU	8	Benomyl					
BENOMYL	UNITED STATES	6	Benomyl					
EBDC(DC)	ARGENTINA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate	2	0.2750	0.2000	0.3500	
EBDC(DC)	PERU	8	Dithiocarbamate					
EBDC(DC)	UNITED STATES	8	Dithiocarbamate					
EBDC(EBDC)	ARGENTINA	1	Ethylene Diamine	1	0.2550	0.2550	0.2550	
EBDC(EBDC)	MEXICO	9	Ethylene Diamine					
EBDC(EBDC)	PERU	8	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	8	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	7	Ethylene Thiourea					
EBDC(ETU)	PERU	8	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	5	Ethylene Thiourea					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	PERU	3	Formetanate	1	0.0307	0.0307	0.0307	
PESTICIDES-F052	ARGENTINA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	12	Pesticide Screen					
PESTICIDES-F052	PERU	12	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	7	Pesticide Screen					
THIABENDAZOLE	MEXICO	7	Thiabendazole					
THIABENDAZOLE	PERU	9	Thiabendazole					
THIABENDAZOLE	UNITED STATES	4	Thiabendazole					

ATEMOYA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BRAZIL	1	Benomyl					
EBDC(DC)	BRAZIL	1	Dithiocarbamate					
EBDC(EBDC)	BRAZIL	1	Ethylene Diamine					
EBDC(ETU)	BRAZIL	1	Ethylene Thiourea					
PESTICIDES-F052	BRAZIL	1	Pesticide Screen					

AVOCADO, FRESH

AVOCADO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	1	Daminozide					
AMITRAZ	MEXICO	6	Amitraz					
BENOMYL	CHILE	2	Benomyl					
BENOMYL	DOMINICAN REPUBLIC	2	Benomyl					
BENOMYL	MEXICO	16	Benomyl					
BENOMYL	PERU	2	Benomyl					
BENOMYL	UNITED STATES	3	Benomyl					
EBDC(DC)	CHILE	1	Dithiocarbamate					
EBDC(DC)	DOMINICAN REPUBLIC	2	Dithiocarbamate					
EBDC(DC)	MEXICO	13	Dithiocarbamate					
EBDC(DC)	PERU	2	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate					
EBDC(EBDC)	CHILE	1	Ethylene Diamine					
EBDC(EBDC)	DOMINICAN REPUBLIC	3	Ethylene Diamine					
EBDC(EBDC)	MEXICO	13	Ethylene Diamine					
EBDC(EBDC)	PERU	2	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	5	Ethylene Thiourea					
EBDC(ETU)	PERU	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					
FORMETANATE	CHILE	1	Formetanate					
FORMETANATE	MEXICO	6	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	CHILE	4	Pesticide Screen					
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen					
PESTICIDES-F052	MEXICO	23	Pesticide Screen					
PESTICIDES-F052	PERU	3	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen					
THIABENDAZOLE	CHILE	4	Thiabendazole					
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole					
THIABENDAZOLE	MEXICO	15	Thiabendazole					
THIABENDAZOLE	PERU	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

BANANA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	COLOMBIA	2	Daminozide					
ALAR	COSTA RICA	2	Daminozide					
ALAR	ECUADOR	1	Daminozide					
ALAR	GUATEMALA	1	Daminozide					
AMITRAZ	COSTA RICA	2	Amitraz					

BANANA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	GUATEMALA	2	Amitraz					
AMITRAZ	HONDURAS	1	Amitraz					
BENOMYL	COLOMBIA	5	Benomyl					
BENOMYL	COSTA RICA	6	Benomyl					
BENOMYL	DOMINICAN REPUBLIC	1	Benomyl					
BENOMYL	ECUADOR	10	Benomyl					
BENOMYL	GUATEMALA	5	Benomyl					
BENOMYL	HONDURAS	5	Benomyl					
BENOMYL	PERU	1	Benomyl					
EBDC(DC)	BRAZIL	1	Dithiocarbamate					
EBDC(DC)	COLOMBIA	6	Dithiocarbamate					
EBDC(DC)	COSTA RICA	11	Dithiocarbamate	1	0.2000	0.2000	0.2000	
EBDC(DC)	DOMINICAN REPUBLIC	2	Dithiocarbamate					
EBDC(DC)	ECUADOR	12	Dithiocarbamate	1	0.3000	0.3000	0.3000	
EBDC(DC)	GUATEMALA	5	Dithiocarbamate	1	0.6600	0.6600	0.6600	
EBDC(DC)	HONDURAS	10	Dithiocarbamate					
EBDC(DC)	PANAMA	1	Dithiocarbamate					
EBDC(DC)	PERU	1	Dithiocarbamate	1	0.4500	0.4500	0.4500	
EBDC(EBDC)	BRAZIL	1	Ethylene Diamine					
EBDC(EBDC)	COLOMBIA	6	Ethylene Diamine					
EBDC(EBDC)	COSTA RICA	11	Ethylene Diamine	6	0.2645	0.1490	0.5230	1
EBDC(EBDC)	DOMINICAN REPUBLIC	2	Ethylene Diamine					
EBDC(EBDC)	ECUADOR	12	Ethylene Diamine					
EBDC(EBDC)	GUATEMALA	5	Ethylene Diamine	4	0.2208	0.2030	0.2640	1
EBDC(EBDC)	HONDURAS	10	Ethylene Diamine	2	0.2080	0.1980	0.2180	
EBDC(EBDC)	PANAMA	1	Ethylene Diamine	1	0.2190	0.2190	0.2190	
EBDC(EBDC)	PERU	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine	1	0.3230	0.3230	0.3230	
EBDC(ETU)	COLOMBIA	5	Ethylene Thiourea					
EBDC(ETU)	COSTA RICA	6	Ethylene Thiourea					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	8	Ethylene Thiourea					
EBDC(ETU)	GUATEMALA	5	Ethylene Thiourea					
EBDC(ETU)	HONDURAS	5	Ethylene Thiourea					
EBDC(ETU)	PANAMA	1	Ethylene Thiourea					
FORMETANATE	COLOMBIA	2	Formetanate					
FORMETANATE	COSTA RICA	6	Formetanate					
FORMETANATE	ECUADOR	1	Formetanate					
FORMETANATE	GUATEMALA	1	Formetanate					
FORMETANATE	HONDURAS	2	Formetanate					
FORMETANATE	PANAMA	1	Formetanate					
PESTICIDES-F052	BRAZIL	1	Pesticide Screen					
PESTICIDES-F052	CHINA	1	Pesticide Screen					
PESTICIDES-F052	COLOMBIA	13	Pesticide Screen	1				
PESTICIDES-F052	COLOMBIA	13	Imazalil	1	0.0244	0.0244	0.0244	
PESTICIDES-F052	COSTA RICA	21	Pesticide Screen	1				
PESTICIDES-F052	COSTA RICA	21	Imazalil	1	0.0830	0.0830	0.0830	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen					

BANANA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	ECUADOR	19	Pesticide Screen	4				
PESTICIDES-F052	ECUADOR	19	Imazalil	4	0.0422	0.0217	0.0810	
PESTICIDES-F052	GUATEMALA	10	Pesticide Screen	4				
PESTICIDES-F052	GUATEMALA	10	2-phenylphenol (ortho-phenylphenol)	1	0.0044	0.0044	0.0044	
PESTICIDES-F052	GUATEMALA	10	Imazalil	3	0.0095	0.0062	0.0149	
PESTICIDES-F052	HONDURAS	13	Pesticide Screen	2				
PESTICIDES-F052	HONDURAS	13	Azoxystrobin	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	HONDURAS	13	Imazalil	1	0.0229	0.0229	0.0229	
PESTICIDES-F052	PANAMA	1	Pesticide Screen					
PESTICIDES-F052	PERU	2	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	COLOMBIA	6	Thiabendazole	2	0.1565	0.1030	0.2100	
THIABENDAZOLE	COSTA RICA	11	Thiabendazole	9	0.0492	0.0137	0.1231	
THIABENDAZOLE	DOMINICAN REPUBLIC	2	Thiabendazole					
THIABENDAZOLE	ECUADOR	10	Thiabendazole	4	0.0528	0.0057	0.0910	
THIABENDAZOLE	GUATEMALA	3	Thiabendazole	2	0.0165	0.0120	0.0209	
THIABENDAZOLE	HONDURAS	4	Thiabendazole					
THIABENDAZOLE	PANAMA	1	Thiabendazole	1	0.1400	0.1400	0.1400	
THIABENDAZOLE	PERU	1	Thiabendazole					

BASIL, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	ISRAEL	1	Dithiocarbamate					
EBDC(EBDC)	ISRAEL	1	Ethylene Diamine					
EBDC(ETU)	ISRAEL	1	Ethylene Thiourea					
PESTICIDES-F052	ISRAEL	1	Pesticide Screen					
THIABENDAZOLE	ISRAEL	1	Thiabendazole					

BEAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	GREENLAND	1	Daminozide					
AMITRAZ	THAILAND	1	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	DOMINICAN REPUBLIC	1	Benomyl					
BENOMYL	GUATEMALA	2	Benomyl	1	0.0400	0.0400	0.0400	
BENOMYL	MEXICO	9	Benomyl	3	0.3082	0.0085	0.5981	
BENOMYL	PERU	1	Benomyl					
BENOMYL	THAILAND	1	Benomyl	1	0.3758	0.3758	0.3758	
BENOMYL	UNITED STATES	10	Benomyl	1	0.0270	0.0270	0.0270	

BEAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	DOMINICAN REPUBLIC	1	Dithiocarbamate					
EBDC(DC)	GUATEMALA	2	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate	1	6.6300	6.6300	6.6300	
EBDC(DC)	PERU	1	Dithiocarbamate					
EBDC(DC)	THAILAND	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	14	Dithiocarbamate					
EBDC(EBDC)	DOMINICAN REPUBLIC	1	Ethylene Diamine					
EBDC(EBDC)	GUATEMALA	4	Ethylene Diamine	2	1.0405	0.8910	1.1900	
EBDC(EBDC)	MEXICO	10	Ethylene Diamine	2	0.1365	0.1100	0.1630	1
EBDC(EBDC)	PERU	1	Ethylene Diamine					
EBDC(EBDC)	THAILAND	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	14	Ethylene Diamine	3	0.4333	0.1550	0.7860	
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	GUATEMALA	2	Ethylene Thiourea					
EBDC(ETU)	MEXICO	6	Ethylene Thiourea					
EBDC(ETU)	PERU	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	12	Ethylene Thiourea					
FORMETANATE	DOMINICAN REPUBLIC	2	Formetanate					
FORMETANATE	THAILAND	1	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Cyhalothrin-lambda	1	0.1183	0.1183	0.1183	1
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Metalaxyl	1	0.0074	0.0074	0.0074	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Propiconazole	1	0.0040	0.0040	0.0040	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Tebuconazole	1	0.0109	0.0109	0.0109	
PESTICIDES-F052	GREENLAND	1	Pesticide Screen	1				
PESTICIDES-F052	GREENLAND	1	Azinphos-methyl	1	0.0800	0.0800	0.0800	
PESTICIDES-F052	GUATEMALA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	11	Pesticide Screen	7				
PESTICIDES-F052	MEXICO	11	Azoxystrobin	1	0.1310	0.1310	0.1310	1
PESTICIDES-F052	MEXICO	11	Captan	1	0.6830	0.6830	0.6830	1
PESTICIDES-F052	MEXICO	11	Endosulfan Total	3	0.0332	0.0075	0.0730	
PESTICIDES-F052	MEXICO	11	Myclobutanil	1	0.0118	0.0118	0.0118	
PESTICIDES-F052	MEXICO	11	Quintozene	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	PERU	1	Pesticide Screen	1				
PESTICIDES-F052	PERU	1	Buprofezin	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	PERU	1	Methamidophos	1	0.8230	0.8230	0.8230	1
PESTICIDES-F052	THAILAND	1	Pesticide Screen	1				
PESTICIDES-F052	THAILAND	1	Cypermethrin	1	0.5415	0.5415	0.5415	1
PESTICIDES-F052	THAILAND	1	Ethion	1	0.0192	0.0192	0.0192	
PESTICIDES-F052	UNITED STATES	20	Pesticide Screen	12				
PESTICIDES-F052	UNITED STATES	20	Acephate	5	0.1442	0.0716	0.1920	
PESTICIDES-F052	UNITED STATES	20	Atrazine	1	0.0018	0.0018	0.0018	
PESTICIDES-F052	UNITED STATES	20	Azoxystrobin	2	0.0231	0.0071	0.0390	
PESTICIDES-F052	UNITED STATES	20	Biphenyl	2	0.0043	0.0023	0.0063	
PESTICIDES-F052	UNITED STATES	20	Chlorothalonil	1	0.0679	0.0679	0.0679	
PESTICIDES-F052	UNITED STATES	20	Cyhalothrin-lambda	1	0.0183	0.0183	0.0183	

BEAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	20	Dichloran	1	0.0770	0.0770	0.0770	
PESTICIDES-F052	UNITED STATES	20	Dimethoate	2	0.2324	0.0430	0.4218	
PESTICIDES-F052	UNITED STATES	20	Endosulfan Total	5	0.2121	0.0300	0.4032	
PESTICIDES-F052	UNITED STATES	20	Esfenvalerate	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	UNITED STATES	20	Fenvalerate	1	0.0330	0.0330	0.0330	
PESTICIDES-F052	UNITED STATES	20	Methamidophos	6	0.0591	0.0274	0.1380	
PESTICIDES-F052	UNITED STATES	20	Myclobutanil	1	0.0640	0.0640	0.0640	
PESTICIDES-F052	UNITED STATES	20	p,p'-DDE	2	0.0018	0.0015	0.0020	
PESTICIDES-F052	UNITED STATES	20	Pendimethalin	1	0.0024	0.0024	0.0024	
PESTICIDES-F052	UNITED STATES	20	Quintozene	2	0.0132	0.0128	0.0135	
THIABENDAZOLE	MEXICO	4	Thiabendazole					
THIABENDAZOLE	PERU	1	Thiabendazole					
THIABENDAZOLE	THAILAND	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	14	Thiabendazole					

BEET, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	6	Dithiocarbamate					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine	1	0.1510	0.1510	0.1510	
EBDC(EBDC)	UNITED STATES	6	Ethylene Diamine	2	0.2645	0.1990	0.3300	
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea					
PESTICIDES-F052	FRANCE	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	7	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	7	Cypermethrin	1	0.0280	0.0280	0.0280	
PESTICIDES-F052	UNITED STATES	7	Permethrin	1	0.0560	0.0560	0.0560	
THIABENDAZOLE	FRANCE	1	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	5	Thiabendazole					

BLACKBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	2	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	MEXICO	1	Amitraz					
BENOMYL	GUATEMALA	3	Benomyl	2	0.5886	0.1102	1.0670	
BENOMYL	MEXICO	5	Benomyl					

BLACKBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	GUATEMALA	4	Dithiocarbamate					
EBDC(DC)	MEXICO	5	Dithiocarbamate					
EBDC(EBDC)	GUATEMALA	4	Ethylene Diamine	1	0.4370	0.4370	0.4370	
EBDC(EBDC)	MEXICO	6	Ethylene Diamine					
EBDC(ETU)	GUATEMALA	3	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
FORMETANATE	GUATEMALA	1	Formetanate					
PESTICIDES-F052	GUATEMALA	3	Pesticide Screen	3				
PESTICIDES-F052	GUATEMALA	3	Azoxystrobin	2	0.0211	0.0119	0.0302	
PESTICIDES-F052	GUATEMALA	3	Captan	3	0.8687	0.1770	2.2320	
PESTICIDES-F052	GUATEMALA	3	Endosulfan Total	1	0.1300	0.1300	0.1300	1
PESTICIDES-F052	GUATEMALA	3	Iprodione	3	0.1564	0.0503	0.3070	
PESTICIDES-F052	GUATEMALA	3	Malathion	1	0.1495	0.1495	0.1495	
PESTICIDES-F052	GUATEMALA	3	Metalaxyl	1	0.0122	0.0122	0.0122	
PESTICIDES-F052	GUATEMALA	3	Trifloxystrobin	1	0.0173	0.0173	0.0173	
PESTICIDES-F052	MEXICO	8	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	8	2-phenylphenol (ortho-phenylphenol)	1	0.0029	0.0029	0.0029	
PESTICIDES-F052	MEXICO	8	Azinphos-methyl	1	0.0450	0.0450	0.0450	
PESTICIDES-F052	MEXICO	8	Azoxystrobin	1	0.0019	0.0019	0.0019	
PESTICIDES-F052	MEXICO	8	Bifenthrin	1	0.0014	0.0014	0.0014	
PESTICIDES-F052	MEXICO	8	Captan	3	0.4210	0.0430	1.0940	
PESTICIDES-F052	MEXICO	8	Malathion	1	0.0820	0.0820	0.0820	
PESTICIDES-F052	MEXICO	8	Myclobutanil	1	0.0035	0.0035	0.0035	
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	1	Bifenthrin	1	0.0739	0.0739	0.0739	
PESTICIDES-F052	UNITED STATES	1	Cyprodinil	1	0.0276	0.0276	0.0276	
PESTICIDES-F052	UNITED STATES	1	Fludioxonil	1	0.0081	0.0081	0.0081	
PESTICIDES-F052	UNITED STATES	1	Myclobutanil	1	0.0018	0.0018	0.0018	
THIABENDAZOLE	GUATEMALA	2	Thiabendazole					
THIABENDAZOLE	MEXICO	6	Thiabendazole					

BLUEBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	ARGENTINA	1	Daminozide					
ALAR	CHILE	2	Daminozide					
AMITRAZ	CHILE	2	Amitraz					
BENOMYL	ARGENTINA	9	Benomyl	3	0.0659	0.0340	0.0987	
BENOMYL	CHILE	7	Benomyl	1	0.5090	0.5090	0.5090	1
BENOMYL	UNITED STATES	3	Benomyl					
EBDC(DC)	ARGENTINA	9	Dithiocarbamate					
EBDC(DC)	CHILE	7	Dithiocarbamate	2	0.1450	0.1400	0.1500	
EBDC(DC)	UNITED STATES	3	Dithiocarbamate					
EBDC(EBDC)	ARGENTINA	9	Ethylene Diamine					

BLUEBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	CHILE	12	Ethylene Diamine	1	0.1970	0.1970	0.1970	
EBDC(EBDC)	UNITED STATES	3	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	9	Ethylene Thiourea					
EBDC(ETU)	CHILE	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea					
FORMETANATE	ARGENTINA	7	Formetanate					
FORMETANATE	CHILE	4	Formetanate					
PESTICIDES-F052	ARGENTINA	9	Pesticide Screen	6				
PESTICIDES-F052	ARGENTINA	9	Captan	3	0.7047	0.0530	1.4610	
PESTICIDES-F052	ARGENTINA	9	Cyprodinil	3	0.3682	0.0346	0.9750	
PESTICIDES-F052	ARGENTINA	9	Fludioxonil	3	0.3996	0.0229	1.0920	
PESTICIDES-F052	ARGENTINA	9	Iprodione	3	0.1302	0.0169	0.3099	1
PESTICIDES-F052	CHILE	13	Pesticide Screen	11				
PESTICIDES-F052	CHILE	13	Captan	1	0.3510	0.3510	0.3510	
PESTICIDES-F052	CHILE	13	Carbaryl	3	0.0440	0.0321	0.0600	
PESTICIDES-F052	CHILE	13	Chlorpropham	1	0.0052	0.0052	0.0052	
PESTICIDES-F052	CHILE	13	Esfenvalerate	1	1.0000	1.0000	1.0000	1
PESTICIDES-F052	CHILE	13	Fludioxonil	1	0.0087	0.0087	0.0087	
PESTICIDES-F052	CHILE	13	Iprodione	7	0.1041	0.0104	0.4470	2
PESTICIDES-F052	UNITED STATES	4	Pesticide Screen	4				
PESTICIDES-F052	UNITED STATES	4	Captan	1	0.5640	0.5640	0.5640	
PESTICIDES-F052	UNITED STATES	4	Cyprodinil	1	0.3065	0.3065	0.3065	
PESTICIDES-F052	UNITED STATES	4	Endosulfan Total	1	0.2830	0.2830	0.2830	1
PESTICIDES-F052	UNITED STATES	4	Fenbuconazole	1	0.0573	0.0573	0.0573	
PESTICIDES-F052	UNITED STATES	4	Fludioxonil	1	0.1278	0.1278	0.1278	
PESTICIDES-F052	UNITED STATES	4	Malathion	1	0.0232	0.0232	0.0232	
PESTICIDES-F052	UNITED STATES	4	Methomyl	1	0.0335	0.0335	0.0335	
PESTICIDES-F052	UNITED STATES	4	Simazine	1	0.1080	0.1080	0.1080	1
THIABENDAZOLE	ARGENTINA	8	Thiabendazole					
THIABENDAZOLE	CHILE	9	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

BROCCOFLOWER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	3	Benomyl					
EBDC(DC)	UNITED STATES	3	Dithiocarbamate	1	0.1900	0.1900	0.1900	
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine	1	0.0630	0.0630	0.0630	
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen					
THIABENDAZOLE	UNITED STATES	2	Thiabendazole					

BROCCOLI, FRESH

BROCCOLI, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	MEXICO	2	Benomyl					
BENOMYL	UNITED STATES	17	Benomyl	1	0.0556	0.0556	0.0556	
EBDC(DC)	MEXICO	3	Dithiocarbamate	2	0.8300	0.6700	0.9900	
EBDC(DC)	UNITED STATES	17	Dithiocarbamate	7	0.2914	0.1000	0.6300	
EBDC(EBDC)	MEXICO	3	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	17	Ethylene Diamine	1	0.2770	0.2770	0.2770	
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	6	Ethylene Thiourea					
PESTICIDES-F052	MEXICO	3	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	3	Dacthal (chlorthal-dimethyl)	1	0.0210	0.0210	0.0210	
PESTICIDES-F052	UNITED STATES	19	Pesticide Screen	7				
PESTICIDES-F052	UNITED STATES	19	Chlorpropham	1	0.0068	0.0068	0.0068	
PESTICIDES-F052	UNITED STATES	19	Dacthal (chlorthal-dimethyl)	6	0.0056	0.0015	0.0100	
PESTICIDES-F052	UNITED STATES	19	Demeton-S-methyl	1	0.0990	0.0990	0.0990	
PESTICIDES-F052	UNITED STATES	19	Dimethoate	1	0.1280	0.1280	0.1280	
PESTICIDES-F052	UNITED STATES	19	Omethoate	1	0.0120	0.0120	0.0120	
THIABENDAZOLE	MEXICO	2	Thiabendazole	1	0.0510	0.0510	0.0510	
THIABENDAZOLE	UNITED STATES	11	Thiabendazole					

BRUSSELS SPROUT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	6	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	MEXICO	6	Benomyl	2	0.0422	0.0370	0.0473	
BENOMYL	UNITED STATES	7	Benomyl					
EBDC(DC)	MEXICO	6	Dithiocarbamate	4	0.4650	0.1300	0.7500	
EBDC(DC)	UNITED STATES	7	Dithiocarbamate	4	0.6025	0.1300	1.2700	
EBDC(EBDC)	MEXICO	6	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	8	Ethylene Diamine	1	0.5760	0.5760	0.5760	
EBDC(ETU)	UNITED STATES	5	Ethylene Thiourea					
FORMETANATE	MEXICO	6	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	MEXICO	6	Pesticide Screen	3				
PESTICIDES-F052	MEXICO	6	Captan	1	0.2870	0.2870	0.2870	1
PESTICIDES-F052	MEXICO	6	Chlorpropham	1	0.0290	0.0290	0.0290	
PESTICIDES-F052	MEXICO	6	Cypermethrin	1	0.0550	0.0550	0.0550	
PESTICIDES-F052	MEXICO	6	Dacthal (chlorthal-dimethyl)	1	0.0081	0.0081	0.0081	
PESTICIDES-F052	MEXICO	6	Metalaxyl	1	0.0024	0.0024	0.0024	
PESTICIDES-F052	UNITED STATES	13	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	13	Bifenthrin	1	0.0010	0.0010	0.0010	

BRUSSELS SPROUT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	13	Chlorpyrifos	2	0.0311	0.0094	0.0527	
PESTICIDES-F052	UNITED STATES	13	Cypermethrin	1	0.0157	0.0157	0.0157	
THIABENDAZOLE	MEXICO	3	Thiabendazole					
THIABENDAZOLE	UNITED STATES	6	Thiabendazole					

CABBAGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	MEXICO	1	Amitraz					
BENOMYL	ARGENTINA	1	Benomyl					
BENOMYL	CHINA	2	Benomyl					
BENOMYL	MEXICO	8	Benomyl					
BENOMYL	UNITED STATES	39	Benomyl					
EBDC(DC)	ARGENTINA	1	Dithiocarbamate					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate	5	1.1020	0.2200	3.3800	
EBDC(DC)	UNITED STATES	41	Dithiocarbamate	19	1.1505	0.1500	4.4100	
EBDC(EBDC)	ARGENTINA	1	Ethylene Diamine					
EBDC(EBDC)	CHINA	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	11	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	44	Ethylene Diamine	1	0.4200	0.4200	0.4200	
EBDC(ETU)	ARGENTINA	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	8	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	34	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
FORMETANATE	MEXICO	5	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	ARGENTINA	1	Pesticide Screen	1				
PESTICIDES-F052	ARGENTINA	1	Cypermethrin	1	0.1754	0.1754	0.1754	
PESTICIDES-F052	ARGENTINA	1	Endosulfan Total	1	0.0167	0.0167	0.0167	
PESTICIDES-F052	CHINA	2	Pesticide Screen					
PESTICIDES-F052	MEXICO	11	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	11	Carbaryl	1	1.0960	1.0960	1.0960	
PESTICIDES-F052	MEXICO	11	Cypermethrin	1	0.0384	0.0384	0.0384	
PESTICIDES-F052	MEXICO	11	Endosulfan Total	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	MEXICO	11	Permethrin	4	0.2097	0.0052	0.7949	1
PESTICIDES-F052	MEXICO	11	Piperonyl butoxide	1	0.0296	0.0296	0.0296	
PESTICIDES-F052	UNITED STATES	44	Pesticide Screen	8				
PESTICIDES-F052	UNITED STATES	44	Azoxystrobin	1	0.0153	0.0153	0.0153	
PESTICIDES-F052	UNITED STATES	44	Dacthal (chlorthal-dimethyl)	2	0.0151	0.0141	0.0160	
PESTICIDES-F052	UNITED STATES	44	Esfenvalerate	1	0.0570	0.0570	0.0570	
PESTICIDES-F052	UNITED STATES	44	Fenvalerate	1	0.0915	0.0915	0.0915	

CABBAGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	44	Malathion	1	0.0053	0.0053	0.0053	
PESTICIDES-F052	UNITED STATES	44	Myclobutanil	1	0.0400	0.0400	0.0400	
PESTICIDES-F052	UNITED STATES	44	p,p'-DDE	1	0.0045	0.0045	0.0045	
PESTICIDES-F052	UNITED STATES	44	Permethrin	4	0.1098	0.0390	0.2510	
PESTICIDES-F052	UNITED STATES	44	Propiconazole	1	0.1250	0.1250	0.1250	1
THIABENDAZOLE	ARGENTINA	1	Thiabendazole					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	5	Thiabendazole					
THIABENDAZOLE	UNITED STATES	28	Thiabendazole					

CABBAGE, FRESH CHINESE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	UNITED STATES	11	Benomyl					
EBDC(DC)	CHINA	1	Dithiocarbamate	1	0.4100	0.4100	0.4100	
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	12	Dithiocarbamate	3	0.3033	0.1100	0.4700	
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	13	Ethylene Diamine					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	4	Ethylene Thiourea					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	CHINA	2	Pesticide Screen					
PESTICIDES-F052	CHINA	2	Iprodione	1	0.4980	0.4980	0.4980	1
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	15	Pesticide Screen	7				
PESTICIDES-F052	UNITED STATES	15	Azinphos-ethyl	1	0.0210	0.0210	0.0210	
PESTICIDES-F052	UNITED STATES	15	Cypermethrin	1	0.0242	0.0242	0.0242	
PESTICIDES-F052	UNITED STATES	15	Cyprodinil	1	0.0012	0.0012	0.0012	
PESTICIDES-F052	UNITED STATES	15	Dacthal (chlorthal-dimethyl)	3	0.0083	0.0006	0.0170	
PESTICIDES-F052	UNITED STATES	15	Diazinon	2	0.0231	0.0022	0.0440	
PESTICIDES-F052	UNITED STATES	15	Flusilazole	1	0.0005	0.0005	0.0005	
PESTICIDES-F052	UNITED STATES	15	Metalaxyl	1	0.0160	0.0160	0.0160	
PESTICIDES-F052	UNITED STATES	15	o,p'-DDE	1	0.0016	0.0016	0.0016	
PESTICIDES-F052	UNITED STATES	15	Permethrin	1	0.0740	0.0740	0.0740	
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	8	Thiabendazole					

CANTALOUPE, FRESH

CANTALOUPE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	UNITED STATES	2	Amitraz					
BENOMYL	GUATEMALA	7	Benomyl	2	0.1779	0.0132	0.3425	
BENOMYL	HONDURAS	5	Benomyl	2	0.0108	0.0087	0.0128	
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl					
EBDC(DC)	BRAZIL	1	Dithiocarbamate					
EBDC(DC)	GUATEMALA	8	Dithiocarbamate					
EBDC(DC)	HONDURAS	6	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate					
EBDC(EBDC)	BRAZIL	1	Ethylene Diamine					
EBDC(EBDC)	GUATEMALA	8	Ethylene Diamine	1	0.3500	0.3500	0.3500	
EBDC(EBDC)	HONDURAS	7	Ethylene Diamine	2	0.1760	0.1720	0.1800	
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	GUATEMALA	8	Ethylene Thiourea					
EBDC(ETU)	HONDURAS	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					
FORMETANATE	COSTA RICA	1	Formetanate					
FORMETANATE	GUATEMALA	2	Formetanate					
FORMETANATE	HONDURAS	1	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	BRAZIL	1	Pesticide Screen					
PESTICIDES-F052	GUATEMALA	6	Pesticide Screen	5				
PESTICIDES-F052	GUATEMALA	6	Carbaryl	1	0.0404	0.0404	0.0404	
PESTICIDES-F052	GUATEMALA	6	Dimethoate	1	0.0600	0.0600	0.0600	
PESTICIDES-F052	GUATEMALA	6	Endosulfan Total	2	0.0087	0.0068	0.0105	
PESTICIDES-F052	GUATEMALA	6	Metalaxyl	2	0.0105	0.0092	0.0118	
PESTICIDES-F052	GUATEMALA	6	Triadimenol	1	0.0035	0.0035	0.0035	
PESTICIDES-F052	HONDURAS	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	3	Endosulfan Total	2	0.0173	0.0097	0.0248	
THIABENDAZOLE	BRAZIL	1	Thiabendazole					
THIABENDAZOLE	GUATEMALA	5	Thiabendazole	2	0.3390	0.2766	0.4014	2
THIABENDAZOLE	HONDURAS	1	Thiabendazole	1	0.0090	0.0090	0.0090	
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	3	Thiabendazole					

CARROT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	1	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHINA	1	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					

CARROT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	6	Benomyl					
BENOMYL	MEXICO	6	Benomyl					
BENOMYL	UNITED STATES	23	Benomyl					
EBDC(DC)	CHINA	8	Dithiocarbamate					
EBDC(DC)	MEXICO	6	Dithiocarbamate					
EBDC(DC)	UNITED STATES	24	Dithiocarbamate	3	0.1540	0.0520	0.2100	
EBDC(EBDC)	CHINA	8	Ethylene Diamine					
EBDC(EBDC)	MEXICO	6	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	24	Ethylene Diamine					
EBDC(ETU)	CHINA	6	Ethylene Thiourea					
EBDC(ETU)	MEXICO	6	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	21	Ethylene Thiourea					
PESTICIDES-F052	CHINA	15	Pesticide Screen	5				
PESTICIDES-F052	CHINA	15	Phorate sulfone	1	0.0026	0.0026	0.0026	
PESTICIDES-F052	CHINA	15	Triadimenol	4	0.0465	0.0230	0.0640	
PESTICIDES-F052	MEXICO	6	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	6	2-phenylphenol (ortho-phenylphenol)	1	0.0133	0.0133	0.0133	
PESTICIDES-F052	MEXICO	6	Diazinon	1	0.0068	0.0068	0.0068	
PESTICIDES-F052	UNITED STATES	31	Pesticide Screen	14				
PESTICIDES-F052	UNITED STATES	31	Iprodione	2	0.0627	0.0620	0.0633	
PESTICIDES-F052	UNITED STATES	31	Linuron	1	0.0304	0.0304	0.0304	
PESTICIDES-F052	UNITED STATES	31	p,p'-DDE	6	0.0105	0.0012	0.0300	
PESTICIDES-F052	UNITED STATES	31	Pentachloroaniline	1	0.0030	0.0030	0.0030	
PESTICIDES-F052	UNITED STATES	31	Quintozene	1	0.0093	0.0093	0.0093	
PESTICIDES-F052	UNITED STATES	31	Trifluralin	7	0.0137	0.0033	0.0486	
THIABENDAZOLE	CHINA	10	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	16	Thiabendazole	1	0.0141	0.0141	0.0141	

CAULIFLOWER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	UNITED STATES	18	Benomyl					
EBDC(DC)	UNITED STATES	20	Dithiocarbamate	5	0.3362	0.0810	0.7600	
EBDC(EBDC)	UNITED STATES	22	Ethylene Diamine					
EBDC(ETU)	UNITED STATES	15	Ethylene Thiourea					
FORMETANATE	UNITED STATES	6	Formetanate					
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	27	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	27	Methomyl	1	0.0278	0.0278	0.0278	
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	16	Thiabendazole					

CELERY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	MEXICO	1	Amitraz					
BENOMYL	MEXICO	16	Benomyl					
BENOMYL	UNITED STATES	29	Benomyl					
EBDC(DC)	MEXICO	16	Dithiocarbamate					
EBDC(DC)	UNITED STATES	30	Dithiocarbamate					
EBDC(EBDC)	MEXICO	16	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	31	Ethylene Diamine					
EBDC(ETU)	MEXICO	16	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	28	Ethylene Thiourea					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	MEXICO	15	Pesticide Screen	6				
PESTICIDES-F052	MEXICO	15	Azoxystrobin	2	0.0110	0.0049	0.0170	
PESTICIDES-F052	MEXICO	15	Endosulfan Total	1	0.0033	0.0033	0.0033	
PESTICIDES-F052	MEXICO	15	Permethrin	5	0.0366	0.0140	0.0871	
PESTICIDES-F052	UNITED STATES	31	Pesticide Screen	29				
PESTICIDES-F052	UNITED STATES	31	Acephate	5	0.1411	0.0541	0.2121	
PESTICIDES-F052	UNITED STATES	31	Azoxystrobin	11	0.0555	0.0071	0.1560	
PESTICIDES-F052	UNITED STATES	31	Chlorothalonil	2	0.1045	0.0690	0.1400	
PESTICIDES-F052	UNITED STATES	31	Cypermethrin	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	UNITED STATES	31	Dichloran	20	0.6179	0.0188	3.6400	
PESTICIDES-F052	UNITED STATES	31	Malathion	3	0.0403	0.0130	0.0940	
PESTICIDES-F052	UNITED STATES	31	Methomyl	1	0.3470	0.3470	0.3470	
PESTICIDES-F052	UNITED STATES	31	Oxamyl	2	0.0428	0.0265	0.0591	
PESTICIDES-F052	UNITED STATES	31	p,p'-DDE	6	0.0021	0.0010	0.0045	
PESTICIDES-F052	UNITED STATES	31	Permethrin	21	0.1030	0.0174	0.3950	
PESTICIDES-F052	UNITED STATES	31	Propiconazole	5	0.0395	0.0200	0.0715	
THIABENDAZOLE	MEXICO	9	Thiabendazole					
THIABENDAZOLE	UNITED STATES	25	Thiabendazole					

CHARD, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	3	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	MEXICO	3	Dithiocarbamate	1	0.4200	0.4200	0.4200	1
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	MEXICO	3	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine	1	0.4200	0.4200	0.4200	
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-F052	MEXICO	3	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	3	p,p'-DDE	1	0.0040	0.0040	0.0040	
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	1	Dacthal (chlorthal-dimethyl)	1	0.0170	0.0170	0.0170	

CHARD, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE	MEXICO	2	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

CHERIMOYAS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	CHILE	1	Dithiocarbamate					
EBDC(EBDC)	CHILE	1	Ethylene Diamine					
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
PESTICIDES-F052	CHILE	1	Pesticide Screen					
THIABENDAZOLE	CHILE	1	Thiabendazole					

CHERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHILE	1	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHILE	1	Amitraz					
AMITRAZ	UNITED STATES	3	Amitraz					
BENOMYL	CHILE	6	Benomyl					
BENOMYL	UNITED STATES	9	Benomyl					
EBDC(DC)	CHILE	5	Dithiocarbamate					
EBDC(DC)	UNITED STATES	9	Dithiocarbamate	1	0.3600	0.3600	0.3600	
EBDC(EBDC)	CHILE	8	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	9	Ethylene Diamine					
EBDC(ETU)	CHILE	4	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	9	Ethylene Thiourea					
FORMETANATE	CHILE	3	Formetanate					
FORMETANATE	UNITED STATES	8	Formetanate					
PESTICIDES-F052	CHILE	10	Pesticide Screen	5				
PESTICIDES-F052	CHILE	10	Carbaryl	1	0.0009	0.0009	0.0009	
PESTICIDES-F052	CHILE	10	Fenbuconazole	1	0.0259	0.0259	0.0259	
PESTICIDES-F052	CHILE	10	Iprodione	5	0.7543	0.3106	1.5980	
PESTICIDES-F052	UNITED STATES	24	Pesticide Screen	18				
PESTICIDES-F052	UNITED STATES	24	Biphenyl	1	0.0032	0.0032	0.0032	
PESTICIDES-F052	UNITED STATES	24	Buprofezin	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	UNITED STATES	24	Dimethoate	1	0.0240	0.0240	0.0240	
PESTICIDES-F052	UNITED STATES	24	Iprodione	1	0.0100	0.0100	0.0100	
PESTICIDES-F052	UNITED STATES	24	Myclobutanil	3	0.0116	0.0048	0.0187	
PESTICIDES-F052	UNITED STATES	24	Permethrin	1	0.1040	0.1040	0.1040	1
PESTICIDES-F052	UNITED STATES	24	Tebuconazole	15	0.4839	0.0075	2.6980	

CHERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE	CHILE	5	Thiabendazole					
THIABENDAZOLE	UNITED STATES	6	Thiabendazole					

CHESTNUTS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
PESTICIDES-F052	CHINA	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					

CHICKOOS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	INDIA	1	Daminozide					
AMITRAZ	INDIA	1	Amitraz					
BENOMYL	INDIA	1	Benomyl					
EBDC(DC)	INDIA	1	Dithiocarbamate					
EBDC(EBDC)	INDIA	1	Ethylene Diamine					
EBDC(ETU)	INDIA	1	Ethylene Thiourea					
FORMETANATE	INDIA	1	Formetanate					
PESTICIDES-F052	INDIA	1	Pesticide Screen					
THIABENDAZOLE	INDIA	1	Thiabendazole					

CHICORY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ITALY	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	ITALY	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	ITALY	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					

CHICORY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	ITALY	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	1	Atrazine	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	UNITED STATES	1	Cypermethrin	1	0.0840	0.0840	0.0840	
THIABENDAZOLE	ITALY	1	Thiabendazole	1	0.0350	0.0350	0.0350	
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

CHIVE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	CHINA	1	Formetanate					
PESTICIDES-F052	CHINA	1	Pesticide Screen	1				
PESTICIDES-F052	CHINA	1	Metalaxyl	1	0.0118	0.0118	0.0118	
PESTICIDES-F052	CHINA	1	Prochloraz	1	0.9939	0.9939	0.9939	1

COCONUT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	2	Benomyl	1	0.0326	0.0326	0.0326	
EBDC(DC)	DOMINICAN REPUBLIC	1	Dithiocarbamate					
EBDC(DC)	THAILAND	2	Dithiocarbamate					
EBDC(EBDC)	DOMINICAN REPUBLIC	1	Ethylene Diamine					
EBDC(EBDC)	THAILAND	2	Ethylene Diamine					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen					
PESTICIDES-F052	THAILAND	2	Pesticide Screen					
THIABENDAZOLE	DOMINICAN REPUBLIC	2	Thiabendazole					

CORN, FRESH SWEET

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	THAILAND	1	Benomyl					
BENOMYL	UNITED STATES	4	Benomyl					
EBDC(DC)	MEXICO	1	Dithiocarbamate					

CORN, FRESH SWEET

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	THAILAND	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	3	Dithiocarbamate					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(EBDC)	THAILAND	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	3	Ethylene Diamine					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	THAILAND	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	10	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	10	Methiocarb Sulfoxide	1	0.0561	0.0561	0.0561	
PESTICIDES-F052	UNITED STATES	10	Methomyl	1	0.0025	0.0025	0.0025	
PESTICIDES-F052	UNITED STATES	10	Phorate sulfone	1	0.0073	0.0073	0.0073	
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	THAILAND	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	3	Thiabendazole	1	0.0094	0.0094	0.0094	

CRANBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	UNITED STATES	3	Benomyl					
EBDC(DC)	UNITED STATES	3	Dithiocarbamate					
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine					
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea					
FORMETANATE	UNITED STATES	3	Formetanate					
PESTICIDES-F052	UNITED STATES	7	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	7	Carbaryl	1	0.0068	0.0068	0.0068	
PESTICIDES-F052	UNITED STATES	7	Chlorothalonil	1	0.1190	0.1190	0.1190	
PESTICIDES-F052	UNITED STATES	7	Chlorpyrifos	1	0.0520	0.0520	0.0520	
THIABENDAZOLE	UNITED STATES	3	Thiabendazole					

CUCUMBER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	MEXICO	2	Abamectin					
ABAMECTIN	UNITED STATES	1	Abamectin					
ALAR	MEXICO	2	Daminozide					
ALAR	UNITED STATES	1	Daminozide					

CUCUMBER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	MEXICO	3	Amitraz					
AMITRAZ	UNITED STATES	3	Amitraz					
BENOMYL	CUBA	1	Benomyl	1	0.0970	0.0970	0.0970	
BENOMYL	DOMINICAN REPUBLIC	1	Benomyl	1	0.1323	0.1323	0.1323	
BENOMYL	HONDURAS	3	Benomyl					
BENOMYL	MEXICO	23	Benomyl	6	0.0698	0.0177	0.2806	
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	UNITED STATES	8	Benomyl	1	0.0135	0.0135	0.0135	
EBDC(DC)	CUBA	2	Dithiocarbamate					
EBDC(DC)	DOMINICAN REPUBLIC	1	Dithiocarbamate					
EBDC(DC)	HONDURAS	3	Dithiocarbamate					
EBDC(DC)	MEXICO	30	Dithiocarbamate					
EBDC(DC)	SPAIN	1	Dithiocarbamate	1	1.2100	1.2100	1.2100	
EBDC(DC)	UNITED STATES	8	Dithiocarbamate	1	0.5500	0.5500	0.5500	
EBDC(EBDC)	CUBA	2	Ethylene Diamine	2	0.6060	0.2110	1.0010	
EBDC(EBDC)	DOMINICAN REPUBLIC	1	Ethylene Diamine					
EBDC(EBDC)	HONDURAS	3	Ethylene Diamine	1	0.1900	0.1900	0.1900	
EBDC(EBDC)	MEXICO	35	Ethylene Diamine	13	0.2800	0.0560	0.5710	
EBDC(EBDC)	SPAIN	2	Ethylene Diamine	2	0.4455	0.2030	0.6880	
EBDC(EBDC)	UNITED STATES	8	Ethylene Diamine					
EBDC(ETU)	CUBA	1	Ethylene Thiourea					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	HONDURAS	2	Ethylene Thiourea					
EBDC(ETU)	MEXICO	24	Ethylene Thiourea	1	0.0140	0.0140	0.0140	
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	7	Ethylene Thiourea					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	6	Formetanate					
PESTICIDES-F052	CUBA	1	Pesticide Screen					
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Azoxystrobin	1	0.0054	0.0054	0.0054	
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Metalaxyl	1	0.0367	0.0367	0.0367	
PESTICIDES-F052	HONDURAS	3	Pesticide Screen	1				
PESTICIDES-F052	HONDURAS	3	Endosulfan Total	1	0.0420	0.0420	0.0420	
PESTICIDES-F052	MEXICO	35	Pesticide Screen	24				
PESTICIDES-F052	MEXICO	35	2-phenylphenol (ortho-phenylphenol)	1	0.0042	0.0042	0.0042	
PESTICIDES-F052	MEXICO	35	Azoxystrobin	3	0.0046	0.0007	0.0095	
PESTICIDES-F052	MEXICO	35	Bifenthrin	2	0.0103	0.0046	0.0159	
PESTICIDES-F052	MEXICO	35	Captan	5	0.0786	0.0310	0.1660	1
PESTICIDES-F052	MEXICO	35	Carbofuran	1	0.0028	0.0028	0.0028	
PESTICIDES-F052	MEXICO	35	Chlorpyrifos	1	0.0110	0.0110	0.0110	
PESTICIDES-F052	MEXICO	35	Dieldrin	2	0.0045	0.0042	0.0048	
PESTICIDES-F052	MEXICO	35	Endosulfan Total	13	0.0358	0.0030	0.1120	
PESTICIDES-F052	MEXICO	35	Folpet	1	0.1100	0.1100	0.1100	
PESTICIDES-F052	MEXICO	35	Metalaxyl	11	0.0424	0.0047	0.0799	
PESTICIDES-F052	MEXICO	35	Methamidophos	4	0.0832	0.0301	0.1500	
PESTICIDES-F052	MEXICO	35	Permethrin	2	0.0302	0.0122	0.0481	

CUCUMBER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	SPAIN	2	Pesticide Screen	2				
PESTICIDES-F052	SPAIN	2	Bifenthrin	1	0.0220	0.0220	0.0220	
PESTICIDES-F052	SPAIN	2	Myclobutanil	1	0.0194	0.0194	0.0194	
PESTICIDES-F052	SPAIN	2	Pirimicarb	1	0.0237	0.0237	0.0237	
PESTICIDES-F052	SPAIN	2	Triadimenol	1	0.0860	0.0860	0.0860	
PESTICIDES-F052	UNITED STATES	18	Pesticide Screen	10				
PESTICIDES-F052	UNITED STATES	18	3-OH Carbofuran	1	0.0018	0.0018	0.0018	
PESTICIDES-F052	UNITED STATES	18	Azoxystrobin	2	0.0090	0.0080	0.0099	
PESTICIDES-F052	UNITED STATES	18	Bifenthrin	3	0.0082	0.0069	0.0097	
PESTICIDES-F052	UNITED STATES	18	Buprofezin	1	0.0063	0.0063	0.0063	
PESTICIDES-F052	UNITED STATES	18	Chlorothalonil	1	0.0181	0.0181	0.0181	
PESTICIDES-F052	UNITED STATES	18	Chlorthiamid	1	0.0928	0.0928	0.0928	
PESTICIDES-F052	UNITED STATES	18	Dichloran	1	0.0002	0.0002	0.0002	
PESTICIDES-F052	UNITED STATES	18	Dieldrin	1	0.0260	0.0260	0.0260	
PESTICIDES-F052	UNITED STATES	18	Dimethoate	1	0.0043	0.0043	0.0043	
PESTICIDES-F052	UNITED STATES	18	Endosulfan alpha	1	0.0369	0.0369	0.0369	
PESTICIDES-F052	UNITED STATES	18	Endosulfan beta	1	0.0297	0.0297	0.0297	
PESTICIDES-F052	UNITED STATES	18	Endosulfan sulfate	1	0.0740	0.0740	0.0740	
PESTICIDES-F052	UNITED STATES	18	Endosulfan Total	6	0.0685	0.0075	0.1410	
PESTICIDES-F052	UNITED STATES	18	Metalaxyl	2	0.0092	0.0076	0.0108	
PESTICIDES-F052	UNITED STATES	18	Myclobutanil	1	0.0494	0.0494	0.0494	
PESTICIDES-F052	UNITED STATES	18	o,p'-DDT	1	0.0035	0.0035	0.0035	
PESTICIDES-F052	UNITED STATES	18	Oxamyl	1	0.0016	0.0016	0.0016	
THIABENDAZOLE	CUBA	1	Thiabendazole					
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole					
THIABENDAZOLE	HONDURAS	2	Thiabendazole					
THIABENDAZOLE	MEXICO	20	Thiabendazole					
THIABENDAZOLE	UNITED STATES	11	Thiabendazole					

DATE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ALGERIA	2	Benomyl					
EBDC(DC)	ALGERIA	2	Dithiocarbamate					
EBDC(EBDC)	ALGERIA	2	Ethylene Diamine					
EBDC(ETU)	ALGERIA	2	Ethylene Thiourea					
PESTICIDES-F052	ALGERIA	3	Pesticide Screen					
THIABENDAZOLE	ALGERIA	1	Thiabendazole					

DRAGONFRUIT, FRESH

DRAGONFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	VIETNAM	3	Daminozide					
AMITRAZ	CHINA	1	Amitraz					
AMITRAZ	VIETNAM	3	Amitraz					
BENOMYL	CHINA	1	Benomyl					
BENOMYL	ECUADOR	1	Benomyl					
BENOMYL	ISRAEL	1	Benomyl					
BENOMYL	THAILAND	2	Benomyl					
BENOMYL	VIETNAM	3	Benomyl					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	ECUADOR	1	Dithiocarbamate					
EBDC(DC)	ISRAEL	1	Dithiocarbamate					
EBDC(DC)	THAILAND	2	Dithiocarbamate					
EBDC(DC)	VIETNAM	4	Dithiocarbamate					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	ECUADOR	1	Ethylene Diamine					
EBDC(EBDC)	ISRAEL	1	Ethylene Diamine					
EBDC(EBDC)	THAILAND	2	Ethylene Diamine					
EBDC(EBDC)	VIETNAM	4	Ethylene Diamine					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	1	Ethylene Thiourea					
EBDC(ETU)	ISRAEL	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
EBDC(ETU)	VIETNAM	3	Ethylene Thiourea					
FORMETANATE	VIETNAM	4	Formetanate					
PESTICIDES-F052	CHINA	1	Pesticide Screen					
PESTICIDES-F052	ECUADOR	1	Pesticide Screen					
PESTICIDES-F052	ISRAEL	1	Pesticide Screen					
PESTICIDES-F052	THAILAND	4	Pesticide Screen	1				
PESTICIDES-F052	THAILAND	4	2-phenylphenol (ortho-phenylphenol)	1	0.0041	0.0041	0.0041	
PESTICIDES-F052	VIETNAM	5	Pesticide Screen	1				
PESTICIDES-F052	VIETNAM	5	Biphenyl	1	0.0029	0.0029	0.0029	
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	ISRAEL	1	Thiabendazole					
THIABENDAZOLE	THAILAND	2	Thiabendazole					
THIABENDAZOLE	VIETNAM	3	Thiabendazole					

EGGPLANT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	DOMINICAN REPUBLIC	1	Daminozide					
ALAR	MEXICO	1	Daminozide					
BENOMYL	DOMINICAN REPUBLIC	4	Benomyl					
BENOMYL	MEXICO	6	Benomyl	1	0.0250	0.0250	0.0250	
BENOMYL	UNITED STATES	2	Benomyl					

EGGPLANT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	DOMINICAN REPUBLIC	5	Dithiocarbamate	1	0.6600	0.6600	0.6600	
EBDC(DC)	MEXICO	8	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate					
EBDC(EBDC)	DOMINICAN REPUBLIC	5	Ethylene Diamine	2	0.2305	0.1860	0.2750	
EBDC(EBDC)	MEXICO	9	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	DOMINICAN REPUBLIC	4	Formetanate					
FORMETANATE	MEXICO	3	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	DOMINICAN REPUBLIC	6	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	6	Cypermethrin	1	0.0270	0.0270	0.0270	
PESTICIDES-F052	MEXICO	7	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	2	Pesticide Screen					
THIABENDAZOLE	DOMINICAN REPUBLIC	4	Thiabendazole					
THIABENDAZOLE	MEXICO	5	Thiabendazole					
THIABENDAZOLE	UNITED STATES	2	Thiabendazole					

ENDIVE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	BELGIUM	1	Daminozide					
AMITRAZ	BELGIUM	1	Amitraz					
BENOMYL	BELGIUM	6	Benomyl					
BENOMYL	NETHERLANDS	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	BELGIUM	5	Dithiocarbamate					
EBDC(DC)	NETHERLANDS	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	BELGIUM	6	Ethylene Diamine					
EBDC(EBDC)	NETHERLANDS	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine					
EBDC(ETU)	BELGIUM	4	Ethylene Thiourea					
EBDC(ETU)	NETHERLANDS	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	BELGIUM	2	Formetanate					
PESTICIDES-F052	BELGIUM	9	Pesticide Screen					
PESTICIDES-F052	NETHERLANDS	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	1	Methomyl	1	0.0260	0.0260	0.0260	
THIABENDAZOLE	BELGIUM	7	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

FIG, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	GREECE	1	Daminozide					
AMITRAZ	GREECE	1	Amitraz					
BENOMYL	CHILE	1	Benomyl					
BENOMYL	GREECE	2	Benomyl					
BENOMYL	PERU	1	Benomyl					
BENOMYL	TURKEY	1	Benomyl					
BENOMYL	UNITED STATES	3	Benomyl					
EBDC(DC)	CHILE	1	Dithiocarbamate					
EBDC(DC)	GREECE	2	Dithiocarbamate					
EBDC(DC)	PERU	1	Dithiocarbamate					
EBDC(DC)	TURKEY	1	Dithiocarbamate	1	0.2900	0.2900	0.2900	1
EBDC(DC)	UNITED STATES	3	Dithiocarbamate	3	1.3433	0.1300	3.1000	3
EBDC(EBDC)	CHILE	1	Ethylene Diamine					
EBDC(EBDC)	GREECE	2	Ethylene Diamine					
EBDC(EBDC)	PERU	1	Ethylene Diamine					
EBDC(EBDC)	TURKEY	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	3	Ethylene Diamine					
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
EBDC(ETU)	GREECE	2	Ethylene Thiourea					
EBDC(ETU)	TURKEY	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea					
FORMETANATE	GREECE	1	Formetanate					
FORMETANATE	TURKEY	1	Formetanate					
PESTICIDES-F052	CHILE	1	Pesticide Screen					
PESTICIDES-F052	GREECE	3	Pesticide Screen					
PESTICIDES-F052	PERU	1	Pesticide Screen	1				
PESTICIDES-F052	PERU	1	Tebuconazole	1	0.0170	0.0170	0.0170	
PESTICIDES-F052	TURKEY	3	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	3	Biphenyl	1	0.0025	0.0025	0.0025	
THIABENDAZOLE	CHILE	1	Thiabendazole					
THIABENDAZOLE	GREECE	1	Thiabendazole					
THIABENDAZOLE	PERU	1	Thiabendazole					
THIABENDAZOLE	TURKEY	1	Thiabendazole					

GARLIC, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHINA	3	Daminozide					
ALAR	MEXICO	1	Daminozide					
ALAR	TURKMENISTAN	1	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHINA	5	Amitraz					
BENOMYL	ARGENTINA	1	Benomyl					

GARLIC, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	16	Benomyl					
BENOMYL	HONG KONG	1	Benomyl					
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	UNITED STATES	4	Benomyl					
EBDC(DC)	ARGENTINA	1	Dithiocarbamate					
EBDC(DC)	CHINA	23	Dithiocarbamate					
EBDC(DC)	HONG KONG	1	Dithiocarbamate	1	0.2700	0.2700	0.2700	1
EBDC(DC)	SPAIN	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	4	Dithiocarbamate					
EBDC(EBDC)	ARGENTINA	1	Ethylene Diamine					
EBDC(EBDC)	CHINA	23	Ethylene Diamine					
EBDC(EBDC)	HONG KONG	1	Ethylene Diamine					
EBDC(EBDC)	SPAIN	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	14	Ethylene Thiourea					
EBDC(ETU)	HONG KONG	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	4	Ethylene Thiourea					
FORMETANATE	CHINA	8	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	ARGENTINA	3	Pesticide Screen					
PESTICIDES-F052	CHINA	24	Pesticide Screen	1				
PESTICIDES-F052	CHINA	24	Bifenthrin	1	0.0034	0.0034	0.0034	
PESTICIDES-F052	HONG KONG	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	2	Pesticide Screen					
PESTICIDES-F052	SPAIN	1	Pesticide Screen					
PESTICIDES-F052	TURKMENISTAN	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	5	Pesticide Screen					
THIABENDAZOLE	ARGENTINA	3	Thiabendazole					
THIABENDAZOLE	CHINA	17	Thiabendazole					
THIABENDAZOLE	HONG KONG	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	4	Thiabendazole					

GINGER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	BRAZIL	1	Daminozide					
ALAR	THAILAND	1	Daminozide					
AMITRAZ	BRAZIL	1	Amitraz					
AMITRAZ	CHINA	1	Amitraz					
AMITRAZ	COSTA RICA	1	Amitraz					
AMITRAZ	THAILAND	1	Amitraz					
BENOMYL	BRAZIL	2	Benomyl					

GINGER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	3	Benomyl					
BENOMYL	HONDURAS	1	Benomyl					
BENOMYL	THAILAND	8	Benomyl	5	0.8210	0.1660	1.9000	5
EBDC(DC)	BRAZIL	2	Dithiocarbamate					
EBDC(DC)	CHINA	4	Dithiocarbamate					
EBDC(DC)	HONDURAS	1	Dithiocarbamate					
EBDC(DC)	THAILAND	8	Dithiocarbamate					
EBDC(EBDC)	BRAZIL	2	Ethylene Diamine					
EBDC(EBDC)	CHINA	4	Ethylene Diamine					
EBDC(EBDC)	HONDURAS	1	Ethylene Diamine					
EBDC(EBDC)	THAILAND	8	Ethylene Diamine					
EBDC(ETU)	BRAZIL	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	4	Ethylene Thiourea					
EBDC(ETU)	THAILAND	7	Ethylene Thiourea					
FORMETANATE	BRAZIL	1	Formetanate					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-F052	BRAZIL	2	Pesticide Screen					
PESTICIDES-F052	CHINA	9	Pesticide Screen	4				
PESTICIDES-F052	CHINA	9	Bendiocarb	1	0.0290	0.0290	0.0290	
PESTICIDES-F052	CHINA	9	BHC Alpha	2	0.0281	0.0101	0.0460	
PESTICIDES-F052	CHINA	9	BHC beta	3	0.0155	0.0118	0.0210	
PESTICIDES-F052	CHINA	9	delta-HCH (delta-lindane)	2	0.0442	0.0254	0.0630	
PESTICIDES-F052	CHINA	9	Phorate sulfone	1	0.0223	0.0223	0.0223	
PESTICIDES-F052	COSTA RICA	1	Pesticide Screen					
PESTICIDES-F052	HONDURAS	1	Pesticide Screen					
PESTICIDES-F052	THAILAND	8	Pesticide Screen					
THIABENDAZOLE	BRAZIL	1	Thiabendazole					
THIABENDAZOLE	CHINA	5	Thiabendazole					
THIABENDAZOLE	THAILAND	6	Thiabendazole	1	0.0540	0.0540	0.0540	

GOOSEBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	INDIA	1	Daminozide					
AMITRAZ	INDIA	1	Amitraz					
BENOMYL	CHILE	1	Benomyl					
BENOMYL	INDIA	1	Benomyl					
EBDC(DC)	CHILE	1	Dithiocarbamate					
EBDC(DC)	INDIA	1	Dithiocarbamate					
EBDC(EBDC)	CHILE	1	Ethylene Diamine					
EBDC(EBDC)	INDIA	1	Ethylene Diamine					
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
FORMETANATE	INDIA	1	Formetanate					
PESTICIDES-F052	CHILE	1	Pesticide Screen					

GOOSEBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	COLOMBIA	2	Pesticide Screen	1				
PESTICIDES-F052	COLOMBIA	2	Chlorpyrifos	1	0.0024	0.0024	0.0024	
PESTICIDES-F052	INDIA	1	Pesticide Screen					
THIABENDAZOLE	CHILE	1	Thiabendazole					
THIABENDAZOLE	COLOMBIA	2	Thiabendazole					
THIABENDAZOLE	INDIA	1	Thiabendazole					

GRAPE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	ARGENTINA	4	Daminozide					
ALAR	CHILE	36	Daminozide					
ALAR	SOUTH AFRICA	9	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	ARGENTINA	4	Amitraz					
AMITRAZ	CHILE	42	Amitraz					
AMITRAZ	SOUTH AFRICA	9	Amitraz					
AMITRAZ	UNITED STATES	6	Amitraz					
BENOMYL	ARGENTINA	3	Benomyl					
BENOMYL	BRAZIL	5	Benomyl					
BENOMYL	CHILE	40	Benomyl	1	0.3490	0.3490	0.3490	
BENOMYL	ITALY	2	Benomyl					
BENOMYL	MEXICO	5	Benomyl					
BENOMYL	PERU	1	Benomyl					
BENOMYL	SOUTH AFRICA	11	Benomyl	1	0.1250	0.1250	0.1250	
BENOMYL	UNITED STATES	29	Benomyl					
EBDC(DC)	ARGENTINA	5	Dithiocarbamate	1	0.6000	0.6000	0.6000	
EBDC(DC)	BRAZIL	4	Dithiocarbamate	1	0.1400	0.1400	0.1400	
EBDC(DC)	CHILE	56	Dithiocarbamate	1	0.2000	0.2000	0.2000	
EBDC(DC)	ITALY	2	Dithiocarbamate					
EBDC(DC)	MEXICO	6	Dithiocarbamate					
EBDC(DC)	SOUTH AFRICA	12	Dithiocarbamate	1	0.1400	0.1400	0.1400	
EBDC(DC)	UNITED STATES	27	Dithiocarbamate	4	0.3725	0.1200	0.8100	
EBDC(EBDC)	ARGENTINA	5	Ethylene Diamine	1	0.1670	0.1670	0.1670	
EBDC(EBDC)	BRAZIL	4	Ethylene Diamine					
EBDC(EBDC)	CHILE	69	Ethylene Diamine	2	0.4320	0.3500	0.5140	
EBDC(EBDC)	ITALY	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	6	Ethylene Diamine	1	0.1770	0.1770	0.1770	
EBDC(EBDC)	SOUTH AFRICA	13	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	28	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	3	Ethylene Thiourea					
EBDC(ETU)	BRAZIL	4	Ethylene Thiourea					
EBDC(ETU)	CHILE	38	Ethylene Thiourea					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					

GRAPE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	MEXICO	5	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	9	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	27	Ethylene Thiourea					
FORMETANATE	ARGENTINA	5	Formetanate					
FORMETANATE	CHILE	39	Formetanate					
FORMETANATE	MEXICO	3	Formetanate					
FORMETANATE	SOUTH AFRICA	9	Formetanate					
FORMETANATE	UNITED STATES	6	Formetanate					
PESTICIDES-F052	ARGENTINA	5	Pesticide Screen	4				
PESTICIDES-F052	ARGENTINA	5	Carbaryl	2	0.0355	0.0210	0.0500	
PESTICIDES-F052	ARGENTINA	5	Iprodione	1	0.1600	0.1600	0.1600	
PESTICIDES-F052	ARGENTINA	5	Myclobutanil	1	0.0330	0.0330	0.0330	
PESTICIDES-F052	BRAZIL	6	Pesticide Screen	4				
PESTICIDES-F052	BRAZIL	6	Iprodione	2	0.0912	0.0114	0.1710	
PESTICIDES-F052	BRAZIL	6	Kresoxim-methyl	2	0.0038	0.0020	0.0055	
PESTICIDES-F052	BRAZIL	6	Myclobutanil	2	0.0290	0.0039	0.0540	
PESTICIDES-F052	CHILE	57	Pesticide Screen	48				
PESTICIDES-F052	CHILE	57	Azoxystrobin	2	0.0263	0.0250	0.0275	
PESTICIDES-F052	CHILE	57	Captan	10	0.1455	0.0520	0.4660	
PESTICIDES-F052	CHILE	57	Carbaryl	1	1.4000	1.4000	1.4000	
PESTICIDES-F052	CHILE	57	Chlorpyrifos	11	0.0491	0.0013	0.3257	9
PESTICIDES-F052	CHILE	57	Cyprodinil	1	0.0084	0.0084	0.0084	
PESTICIDES-F052	CHILE	57	Dichloran	1	0.0429	0.0429	0.0429	
PESTICIDES-F052	CHILE	57	Dicofol	1	0.0430	0.0430	0.0430	
PESTICIDES-F052	CHILE	57	Fenarimol	2	0.0132	0.0073	0.0190	
PESTICIDES-F052	CHILE	57	Iprodione	10	0.2471	0.0171	0.8504	
PESTICIDES-F052	CHILE	57	Kresoxim-methyl	3	0.0085	0.0044	0.0150	
PESTICIDES-F052	CHILE	57	Methomyl	4	0.2158	0.0200	0.7460	
PESTICIDES-F052	CHILE	57	Myclobutanil	31	0.0478	0.0009	0.2350	
PESTICIDES-F052	CHILE	57	Tebuconazole	11	0.0676	0.0170	0.2630	
PESTICIDES-F052	CHILE	57	Triadimenol	9	0.0517	0.0200	0.0980	
PESTICIDES-F052	CHILE	57	Trifloxystrobin	6	0.0155	0.0008	0.0358	
PESTICIDES-F052	ITALY	2	Pesticide Screen	2				
PESTICIDES-F052	ITALY	2	Azoxystrobin	1	0.0029	0.0029	0.0029	
PESTICIDES-F052	ITALY	2	Chlorpyrifos	1	0.0165	0.0165	0.0165	1
PESTICIDES-F052	ITALY	2	Cyprodinil	1	0.0368	0.0368	0.0368	
PESTICIDES-F052	ITALY	2	Penconazole	1	0.0020	0.0020	0.0020	
PESTICIDES-F052	ITALY	2	Triadimenol	1	0.0110	0.0110	0.0110	
PESTICIDES-F052	ITALY	2	Trifloxystrobin	1	0.0229	0.0229	0.0229	
PESTICIDES-F052	MEXICO	9	Pesticide Screen	4				
PESTICIDES-F052	MEXICO	9	Kresoxim-methyl	1	0.0114	0.0114	0.0114	
PESTICIDES-F052	MEXICO	9	Metalaxyl	1	0.0059	0.0059	0.0059	
PESTICIDES-F052	MEXICO	9	Methomyl	1	0.0130	0.0130	0.0130	
PESTICIDES-F052	MEXICO	9	Myclobutanil	1	0.0049	0.0049	0.0049	
PESTICIDES-F052	NAMIBIA	1	Pesticide Screen	1				
PESTICIDES-F052	NAMIBIA	1	Kresoxim-methyl	1	0.0018	0.0018	0.0018	
PESTICIDES-F052	NAMIBIA	1	Penconazole	1	0.0016	0.0016	0.0016	
PESTICIDES-F052	NAMIBIA	1	Procymidone	1	0.0055	0.0055	0.0055	

GRAPE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	PERU	1	Pesticide Screen	1				
PESTICIDES-F052	PERU	1	Chlorpyrifos	1	0.0190	0.0190	0.0190	1
PESTICIDES-F052	PERU	1	Iprodione	1	0.0319	0.0319	0.0319	
PESTICIDES-F052	PERU	1	Myclobutanil	1	0.0058	0.0058	0.0058	
PESTICIDES-F052	PERU	1	Trifloxystrobin	1	0.0289	0.0289	0.0289	
PESTICIDES-F052	SOUTH AFRICA	11	Pesticide Screen	2				
PESTICIDES-F052	SOUTH AFRICA	11	Iprodione	1	3.9360	3.9360	3.9360	
PESTICIDES-F052	SOUTH AFRICA	11	Procymidone	1	0.4180	0.4180	0.4180	
PESTICIDES-F052	UNITED STATES	47	Pesticide Screen	36				
PESTICIDES-F052	UNITED STATES	47	Biphenyl	1	0.0028	0.0028	0.0028	
PESTICIDES-F052	UNITED STATES	47	Buprofezin	4	0.0050	0.0030	0.0083	
PESTICIDES-F052	UNITED STATES	47	Captan	1	0.2010	0.2010	0.2010	
PESTICIDES-F052	UNITED STATES	47	Cyprodinil	6	0.1483	0.0063	0.5590	
PESTICIDES-F052	UNITED STATES	47	Dichloran	1	0.0038	0.0038	0.0038	
PESTICIDES-F052	UNITED STATES	47	Fenpropathrin	8	0.0701	0.0290	0.1568	1
PESTICIDES-F052	UNITED STATES	47	Iprodione	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	UNITED STATES	47	Kresoxim-methyl	1	0.0078	0.0078	0.0078	
PESTICIDES-F052	UNITED STATES	47	Methomyl	3	0.0342	0.0105	0.0630	
PESTICIDES-F052	UNITED STATES	47	Myclobutanil	18	0.1062	0.0028	0.8340	
PESTICIDES-F052	UNITED STATES	47	Phosmet	3	0.5880	0.0345	1.6720	
PESTICIDES-F052	UNITED STATES	47	Pyridaben	1	0.4158	0.4158	0.4158	1
PESTICIDES-F052	UNITED STATES	47	Tebuconazole	2	0.0313	0.0168	0.0458	
PESTICIDES-F052	UNITED STATES	47	Triadimenol	1	0.0290	0.0290	0.0290	
PESTICIDES-F052	UNITED STATES	47	Trifloxystrobin	10	0.0098	0.0018	0.0370	
THIABENDAZOLE	ARGENTINA	3	Thiabendazole					
THIABENDAZOLE	BRAZIL	3	Thiabendazole					
THIABENDAZOLE	CHILE	36	Thiabendazole					
THIABENDAZOLE	ITALY	2	Thiabendazole					
THIABENDAZOLE	MEXICO	2	Thiabendazole					
THIABENDAZOLE	PERU	1	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	10	Thiabendazole					
THIABENDAZOLE	UNITED STATES	20	Thiabendazole					

GRAPEFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
ALAR	SOUTH AFRICA	1	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHINA	1	Amitraz					
AMITRAZ	JAMAICA	1	Amitraz					
AMITRAZ	SOUTH AFRICA	1	Amitraz					
AMITRAZ	UNITED STATES	8	Amitraz					
BENOMYL	ARGENTINA	3	Benomyl					
BENOMYL	CHINA	2	Benomyl					

GRAPEFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	JAMAICA	1	Benomyl					
BENOMYL	MEXICO	3	Benomyl					
BENOMYL	SOUTH AFRICA	3	Benomyl					
BENOMYL	UNITED STATES	18	Benomyl	1	0.0703	0.0703	0.0703	
EBDC(DC)	ARGENTINA	3	Dithiocarbamate					
EBDC(DC)	BAHAMAS	1	Dithiocarbamate					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	ISRAEL	1	Dithiocarbamate					
EBDC(DC)	JAMAICA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	3	Dithiocarbamate	1	0.1500	0.1500	0.1500	1
EBDC(DC)	SOUTH AFRICA	3	Dithiocarbamate	1	0.2500	0.2500	0.2500	
EBDC(DC)	UNITED STATES	18	Dithiocarbamate	3	0.5133	0.1200	1.0000	3
EBDC(EBDC)	ARGENTINA	3	Ethylene Diamine					
EBDC(EBDC)	BAHAMAS	1	Ethylene Diamine					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	ISRAEL	1	Ethylene Diamine					
EBDC(EBDC)	JAMAICA	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	3	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	3	Ethylene Diamine	2	0.3900	0.3170	0.4630	1
EBDC(EBDC)	UNITED STATES	20	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	3	Ethylene Thiourea					
EBDC(ETU)	ISRAEL	1	Ethylene Thiourea					
EBDC(ETU)	JAMAICA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	3	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	15	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
FORMETANATE	JAMAICA	1	Formetanate					
FORMETANATE	MEXICO	2	Formetanate					
FORMETANATE	SOUTH AFRICA	3	Formetanate	1	0.1836	0.1836	0.1836	
FORMETANATE	THAILAND	1	Formetanate					
FORMETANATE	UNITED STATES	11	Formetanate					
PESTICIDES-F052	ARGENTINA	6	Pesticide Screen	6				
PESTICIDES-F052	ARGENTINA	6	2-phenylphenol (ortho-phenylphenol)	5	0.0617	0.0137	0.0975	
PESTICIDES-F052	ARGENTINA	6	Chlorpyrifos	1	0.0027	0.0027	0.0027	
PESTICIDES-F052	ARGENTINA	6	Imazalil	6	0.7765	0.1670	1.6860	
PESTICIDES-F052	ARGENTINA	6	Prochloraz	1	0.9103	0.9103	0.9103	1
PESTICIDES-F052	BAHAMAS	1	Pesticide Screen	1				
PESTICIDES-F052	BAHAMAS	1	2-phenylphenol (ortho-phenylphenol)	1	1.5900	1.5900	1.5900	
PESTICIDES-F052	BAHAMAS	1	Imazalil	1	0.1540	0.1540	0.1540	
PESTICIDES-F052	CHINA	2	Pesticide Screen	1				
PESTICIDES-F052	CHINA	2	Imazalil	1	0.0460	0.0460	0.0460	
PESTICIDES-F052	CHINA	2	Prochloraz	1	0.0800	0.0800	0.0800	
PESTICIDES-F052	JAMAICA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	9	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	9	2-phenylphenol (ortho-phenylphenol)	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	SOUTH AFRICA	9	Pesticide Screen	6				
PESTICIDES-F052	SOUTH AFRICA	9	Bromopropylate	1	0.0298	0.0298	0.0298	

GRAPEFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	SOUTH AFRICA	9	Carbofuran	1	0.0109	0.0109	0.0109	
PESTICIDES-F052	SOUTH AFRICA	9	Chlorpyrifos	1	0.0782	0.0782	0.0782	
PESTICIDES-F052	SOUTH AFRICA	9	Imazalil	6	1.0163	0.2552	1.6660	
PESTICIDES-F052	SOUTH AFRICA	9	Methiocarb	1	0.0300	0.0300	0.0300	
PESTICIDES-F052	SOUTH AFRICA	9	Methiocarb Sulfoxide	1	0.0047	0.0047	0.0047	
PESTICIDES-F052	SOUTH AFRICA	9	Propoxur	1	0.0017	0.0017	0.0017	
PESTICIDES-F052	THAILAND	1	Pesticide Screen	1				
PESTICIDES-F052	THAILAND	1	Cypermethrin	1	0.0138	0.0138	0.0138	
PESTICIDES-F052	THAILAND	1	Imazalil	1	0.0582	0.0582	0.0582	
PESTICIDES-F052	UNITED STATES	36	Pesticide Screen	28				
PESTICIDES-F052	UNITED STATES	36	2-phenylphenol (ortho-phenylphenol)	10	0.5800	0.0023	2.1540	
PESTICIDES-F052	UNITED STATES	36	Aldicarb	1	0.0022	0.0022	0.0022	
PESTICIDES-F052	UNITED STATES	36	Azoxystrobin	3	0.0151	0.0046	0.0269	
PESTICIDES-F052	UNITED STATES	36	Carbaryl	3	0.5320	0.1730	1.0290	
PESTICIDES-F052	UNITED STATES	36	Chlorpyrifos	2	0.0114	0.0029	0.0198	
PESTICIDES-F052	UNITED STATES	36	Diphenylamine	1	0.0037	0.0037	0.0037	
PESTICIDES-F052	UNITED STATES	36	Fenbuconazole	2	0.0125	0.0072	0.0178	
PESTICIDES-F052	UNITED STATES	36	Fenpropathrin	2	0.0123	0.0066	0.0179	
PESTICIDES-F052	UNITED STATES	36	Imazalil	25	0.8162	0.0560	2.4210	
PESTICIDES-F052	UNITED STATES	36	Methidathion	1	0.1953	0.1953	0.1953	
PESTICIDES-F052	UNITED STATES	36	Methiocarb	1	0.0499	0.0499	0.0499	
THIABENDAZOLE	ARGENTINA	3	Thiabendazole	2	0.7544	0.1497	1.3590	
THIABENDAZOLE	BAHAMAS	1	Thiabendazole	1	0.3430	0.3430	0.3430	
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	4	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	2	Thiabendazole	2	0.3874	0.2648	0.5100	
THIABENDAZOLE	UNITED STATES	15	Thiabendazole	9	0.3705	0.0188	0.7460	

GUAVA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	BRAZIL	2	Daminozide					
ALAR	MEXICO	2	Daminozide					
ALAR	TAIWAN	2	Daminozide					
AMITRAZ	BRAZIL	2	Amitraz					
AMITRAZ	MEXICO	5	Amitraz					
AMITRAZ	TAIWAN	4	Amitraz					
BENOMYL	BRAZIL	4	Benomyl					
BENOMYL	CHINA	1	Benomyl					
BENOMYL	COLOMBIA	2	Benomyl					
BENOMYL	MEXICO	7	Benomyl	4	0.0611	0.0145	0.1460	1
BENOMYL	TAIWAN	6	Benomyl					
EBDC(DC)	BRAZIL	4	Dithiocarbamate					
EBDC(DC)	CHINA	1	Dithiocarbamate					

GUAVA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	COLOMBIA	2	Dithiocarbamate					
EBDC(DC)	MEXICO	7	Dithiocarbamate					
EBDC(DC)	TAIWAN	6	Dithiocarbamate					
EBDC(EBDC)	BRAZIL	4	Ethylene Diamine					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	COLOMBIA	2	Ethylene Diamine	1	0.2770	0.2770	0.2770	
EBDC(EBDC)	MEXICO	7	Ethylene Diamine					
EBDC(EBDC)	TAIWAN	7	Ethylene Diamine	1	0.3080	0.3080	0.3080	
EBDC(ETU)	BRAZIL	2	Ethylene Thiourea					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	COLOMBIA	2	Ethylene Thiourea					
EBDC(ETU)	MEXICO	5	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	2	Ethylene Thiourea					
FORMETANATE	BRAZIL	2	Formetanate					
FORMETANATE	MEXICO	5	Formetanate					
FORMETANATE	TAIWAN	6	Formetanate					
PESTICIDES-F052	BRAZIL	6	Pesticide Screen	4				
PESTICIDES-F052	BRAZIL	6	Azoxystrobin	2	0.0097	0.0053	0.0140	
PESTICIDES-F052	BRAZIL	6	Cypermethrin	2	0.0297	0.0060	0.0534	
PESTICIDES-F052	BRAZIL	6	Tebuconazole	1	0.0288	0.0288	0.0288	
PESTICIDES-F052	BRAZIL	6	Triadimenol	2	0.0630	0.0130	0.1130	1
PESTICIDES-F052	CHINA	2	Pesticide Screen					
PESTICIDES-F052	COLOMBIA	2	Pesticide Screen					
PESTICIDES-F052	MEXICO	6	Pesticide Screen	3				
PESTICIDES-F052	MEXICO	6	Captan	1	0.3170	0.3170	0.3170	1
PESTICIDES-F052	MEXICO	6	Carbaryl	1	0.0280	0.0280	0.0280	
PESTICIDES-F052	MEXICO	6	Cypermethrin	1	0.0270	0.0270	0.0270	
PESTICIDES-F052	MEXICO	6	Dimethoate	1	0.1198	0.1198	0.1198	1
PESTICIDES-F052	MEXICO	6	Endosulfan Total	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	MEXICO	6	Omethoate	1	0.0730	0.0730	0.0730	
PESTICIDES-F052	MEXICO	6	Permethrin	1	0.1703	0.1703	0.1703	1
PESTICIDES-F052	TAIWAN	9	Pesticide Screen	3				
PESTICIDES-F052	TAIWAN	9	Chlorpyrifos	1	0.0037	0.0037	0.0037	
PESTICIDES-F052	TAIWAN	9	Ethion	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	TAIWAN	9	Prothiophos	1	0.0032	0.0032	0.0032	
THIABENDAZOLE	BRAZIL	2	Thiabendazole					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	4	Thiabendazole					
THIABENDAZOLE	TAIWAN	5	Thiabendazole					

HONEYDEW MELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	2	Daminozide					

HONEYDEW MELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	MEXICO	2	Amitraz					
BENOMYL	GUATEMALA	4	Benomyl					
BENOMYL	HONDURAS	1	Benomyl					
BENOMYL	MEXICO	9	Benomyl					
EBDC(DC)	COSTA RICA	2	Dithiocarbamate					
EBDC(DC)	GUATEMALA	4	Dithiocarbamate					
EBDC(DC)	HONDURAS	2	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate	1	0.3800	0.3800	0.3800	
EBDC(EBDC)	COSTA RICA	2	Ethylene Diamine	1	0.2730	0.2730	0.2730	
EBDC(EBDC)	GUATEMALA	4	Ethylene Diamine					
EBDC(EBDC)	HONDURAS	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	8	Ethylene Diamine					
EBDC(ETU)	GUATEMALA	4	Ethylene Thiourea					
EBDC(ETU)	HONDURAS	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	7	Ethylene Thiourea					
FORMETANATE	COSTA RICA	1	Formetanate					
FORMETANATE	GUATEMALA	2	Formetanate					
FORMETANATE	HONDURAS	1	Formetanate					
FORMETANATE	MEXICO	2	Formetanate					
PESTICIDES-F052	GUATEMALA	3	Pesticide Screen	2				
PESTICIDES-F052	GUATEMALA	3	Endosulfan Total	2	0.2516	0.1782	0.3249	
PESTICIDES-F052	HONDURAS	1	Pesticide Screen	1				
PESTICIDES-F052	HONDURAS	1	Methomyl	1	0.0700	0.0700	0.0700	
PESTICIDES-F052	MEXICO	13	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	13	Endosulfan Total	4	0.0731	0.0137	0.1120	
PESTICIDES-F052	MEXICO	13	Methamidophos	1	0.0237	0.0237	0.0237	
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	GUATEMALA	4	Thiabendazole					
THIABENDAZOLE	HONDURAS	1	Thiabendazole					
THIABENDAZOLE	MEXICO	8	Thiabendazole					

JICAMA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	2	Benomyl					
EBDC(DC)	MEXICO	2	Dithiocarbamate					
EBDC(EBDC)	MEXICO	2	Ethylene Diamine					
EBDC(ETU)	MEXICO	2	Ethylene Thiourea					
PESTICIDES-F052	MEXICO	2	Pesticide Screen					
THIABENDAZOLE	MEXICO	1	Thiabendazole					

KALE, FRESH CHINESE

KALE, FRESH CHINESE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	1	Benomyl					
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
THIABENDAZOLE	MEXICO	1	Thiabendazole					

KIWIFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	FRANCE	1	Daminozide					
ALAR	ITALY	3	Daminozide					
ALAR	NEW ZEALAND	1	Daminozide					
AMITRAZ	FRANCE	1	Amitraz					
AMITRAZ	GREECE	1	Amitraz					
AMITRAZ	ITALY	4	Amitraz					
BENOMYL	CHILE	3	Benomyl					
BENOMYL	CHINA	1	Benomyl					
BENOMYL	FRANCE	2	Benomyl					
BENOMYL	GREECE	3	Benomyl					
BENOMYL	ITALY	10	Benomyl					
BENOMYL	NEW ZEALAND	4	Benomyl					
BENOMYL	UNITED STATES	5	Benomyl					
EBDC(DC)	CHILE	2	Dithiocarbamate					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	FRANCE	2	Dithiocarbamate					
EBDC(DC)	GREECE	3	Dithiocarbamate					
EBDC(DC)	ITALY	14	Dithiocarbamate	1	0.1600	0.1600	0.1600	1
EBDC(DC)	NEW ZEALAND	4	Dithiocarbamate	1	0.0250	0.0250	0.0250	
EBDC(DC)	UNITED STATES	6	Dithiocarbamate					
EBDC(EBDC)	CHILE	2	Ethylene Diamine					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	FRANCE	3	Ethylene Diamine					
EBDC(EBDC)	GREECE	3	Ethylene Diamine	1	0.2310	0.2310	0.2310	
EBDC(EBDC)	ITALY	14	Ethylene Diamine					
EBDC(EBDC)	NEW ZEALAND	4	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	6	Ethylene Diamine					
EBDC(ETU)	CHILE	2	Ethylene Thiourea					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	GREECE	1	Ethylene Thiourea					
EBDC(ETU)	ITALY	6	Ethylene Thiourea					
EBDC(ETU)	NEW ZEALAND	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	5	Ethylene Thiourea					

KIWIFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	CHINA	2	Formetanate					
FORMETANATE	FRANCE	2	Formetanate					
FORMETANATE	GREECE	2	Formetanate					
FORMETANATE	ITALY	8	Formetanate					
FORMETANATE	NEW ZEALAND	6	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	CHILE	3	Pesticide Screen	1				
PESTICIDES-F052	CHILE	3	Chlorpyrifos	1	0.0300	0.0300	0.0300	
PESTICIDES-F052	CHINA	3	Pesticide Screen	1				
PESTICIDES-F052	CHINA	3	Methiocarb Sulfoxide	1	0.0012	0.0012	0.0012	
PESTICIDES-F052	FRANCE	4	Pesticide Screen	1				
PESTICIDES-F052	FRANCE	4	Imazalil	1	0.0075	0.0075	0.0075	
PESTICIDES-F052	GREECE	3	Pesticide Screen					
PESTICIDES-F052	ITALY	16	Pesticide Screen	1				
PESTICIDES-F052	ITALY	16	Methiocarb Sulfoxide	1	0.0516	0.0516	0.0516	
PESTICIDES-F052	NEW ZEALAND	9	Pesticide Screen	3				
PESTICIDES-F052	NEW ZEALAND	9	Carbaryl	1	0.0080	0.0080	0.0080	
PESTICIDES-F052	NEW ZEALAND	9	Diazinon o analogue	2	0.1305	0.0561	0.2049	1
PESTICIDES-F052	UNITED STATES	7	Pesticide Screen					
THIABENDAZOLE	FRANCE	2	Thiabendazole					
THIABENDAZOLE	GREECE	1	Thiabendazole					
THIABENDAZOLE	ITALY	10	Thiabendazole					
THIABENDAZOLE	NEW ZEALAND	3	Thiabendazole					
THIABENDAZOLE	UNITED STATES	5	Thiabendazole					

KUMQUATS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	CHINA	1	Amitraz	1	0.0520	0.0520	0.0520	
BENOMYL	CHINA	1	Benomyl	1	0.1530	0.1530	0.1530	
BENOMYL	ISRAEL	2	Benomyl					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	ISRAEL	2	Dithiocarbamate					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	ISRAEL	2	Ethylene Diamine					
EBDC(ETU)	ISRAEL	2	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
PESTICIDES-F052	CHINA	1	Pesticide Screen	1				
PESTICIDES-F052	CHINA	1	Cypermethrin	1	0.1470	0.1470	0.1470	
PESTICIDES-F052	CHINA	1	Dicofol	1	3.6760	3.6760	3.6760	
PESTICIDES-F052	CHINA	1	Fenpropathrin	1	0.4229	0.4229	0.4229	1
PESTICIDES-F052	CHINA	1	p,p'-DDE	1	0.0038	0.0038	0.0038	
PESTICIDES-F052	CHINA	1	Profenofos	1	0.0144	0.0144	0.0144	
PESTICIDES-F052	CHINA	1	Propargite	1	0.8600	0.8600	0.8600	

KUMQUATS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	CHINA	1	Triazophos	1	0.9830	0.9830	0.9830	1
PESTICIDES-F052	ISRAEL	2	Pesticide Screen	2				
PESTICIDES-F052	ISRAEL	2	Imazalil	2	0.2014	0.0148	0.3880	
PESTICIDES-F052	ISRAEL	2	Malathion	1	0.0450	0.0450	0.0450	
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	ISRAEL	1	Thiabendazole					

LEEK, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	CHINA	1	Amitraz					
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	MEXICO	4	Benomyl					
BENOMYL	UNITED STATES	3	Benomyl					
EBDC(DC)	GUATEMALA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate	1	0.8900	0.8900	0.8900	1
EBDC(DC)	UNITED STATES	10	Dithiocarbamate	1	0.8300	0.8300	0.8300	1
EBDC(EBDC)	GUATEMALA	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	8	Ethylene Diamine	1	0.1460	0.1460	0.1460	
EBDC(EBDC)	UNITED STATES	11	Ethylene Diamine	1	0.2470	0.2470	0.2470	
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	8	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	8	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	CHINA	2	Pesticide Screen					
PESTICIDES-F052	GUATEMALA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	9	Pesticide Screen	3				
PESTICIDES-F052	MEXICO	9	Azoxystrobin	1	0.3540	0.3540	0.3540	1
PESTICIDES-F052	MEXICO	9	Cypermethrin	1	0.2092	0.2092	0.2092	1
PESTICIDES-F052	MEXICO	9	Dacthal (chlorthal-dimethyl)	1	0.0090	0.0090	0.0090	
PESTICIDES-F052	UNITED STATES	12	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	12	Cypermethrin	1	0.0074	0.0074	0.0074	
PESTICIDES-F052	UNITED STATES	12	Dacthal (chlorthal-dimethyl)	1	0.0190	0.0190	0.0190	
THIABENDAZOLE	GUATEMALA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	8	Thiabendazole					
THIABENDAZOLE	UNITED STATES	8	Thiabendazole					

LEMON, FRESH

LEMON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	7	Daminozide					
AMITRAZ	CHILE	1	Amitraz					
AMITRAZ	SOUTH AFRICA	1	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	ARGENTINA	2	Benomyl	1	0.5145	0.5145	0.5145	
BENOMYL	CHILE	1	Benomyl					
BENOMYL	MEXICO	8	Benomyl	6	0.0251	0.0086	0.0445	
BENOMYL	SOUTH AFRICA	4	Benomyl					
BENOMYL	SPAIN	11	Benomyl	3	0.0567	0.0180	0.1260	
BENOMYL	TURKEY	1	Benomyl					
BENOMYL	UNITED STATES	14	Benomyl					
BENOMYL	URUGUAY	2	Benomyl					
EBDC(DC)	ARGENTINA	2	Dithiocarbamate					
EBDC(DC)	CHILE	1	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate	2	0.3050	0.2300	0.3800	2
EBDC(DC)	SOUTH AFRICA	4	Dithiocarbamate					
EBDC(DC)	SPAIN	10	Dithiocarbamate					
EBDC(DC)	TURKEY	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	14	Dithiocarbamate	3	0.2067	0.1400	0.3100	3
EBDC(DC)	URUGUAY	2	Dithiocarbamate					
EBDC(EBDC)	ARGENTINA	2	Ethylene Diamine					
EBDC(EBDC)	CHILE	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	8	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	4	Ethylene Diamine					
EBDC(EBDC)	SPAIN	10	Ethylene Diamine	1	0.2590	0.2590	0.2590	
EBDC(EBDC)	TURKEY	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	15	Ethylene Diamine					
EBDC(EBDC)	URUGUAY	2	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	1	Ethylene Thiourea					
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	7	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	4	Ethylene Thiourea					
EBDC(ETU)	SPAIN	2	Ethylene Thiourea					
EBDC(ETU)	TURKEY	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	12	Ethylene Thiourea					
EBDC(ETU)	URUGUAY	2	Ethylene Thiourea					
FORMETANATE	ARGENTINA	1	Formetanate					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	SOUTH AFRICA	1	Formetanate					
FORMETANATE	SPAIN	7	Formetanate					
FORMETANATE	UNITED STATES	9	Formetanate					
FORMETANATE	URUGUAY	1	Formetanate					
PESTICIDES-F052	ARGENTINA	2	Pesticide Screen	2				
PESTICIDES-F052	ARGENTINA	2	2-phenylphenol (ortho-phenylphenol)	1	0.5048	0.5048	0.5048	
PESTICIDES-F052	ARGENTINA	2	Imazalil	2	0.9425	0.1110	1.7740	
PESTICIDES-F052	CHILE	3	Pesticide Screen	1				
PESTICIDES-F052	CHILE	3	Imazalil	1	1.3400	1.3400	1.3400	
PESTICIDES-F052	CHILE	3	Methidathion	1	0.0713	0.0713	0.0713	

LEMON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	MEXICO	9	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	9	2-phenylphenol (ortho-phenylphenol)	1	0.0141	0.0141	0.0141	
PESTICIDES-F052	MEXICO	9	Ethion	1	0.0436	0.0436	0.0436	
PESTICIDES-F052	MEXICO	9	Imazalil	5	0.5190	0.2675	0.8940	
PESTICIDES-F052	SOUTH AFRICA	5	Pesticide Screen	2				
PESTICIDES-F052	SOUTH AFRICA	5	2-phenylphenol (ortho-phenylphenol)	1	0.0042	0.0042	0.0042	
PESTICIDES-F052	SOUTH AFRICA	5	Azoxystrobin	2	0.0099	0.0095	0.0102	
PESTICIDES-F052	SOUTH AFRICA	5	Imazalil	2	2.1085	1.1990	3.0180	
PESTICIDES-F052	SPAIN	11	Pesticide Screen	10				
PESTICIDES-F052	SPAIN	11	2-phenylphenol (ortho-phenylphenol)	6	1.5913	0.1370	4.7000	
PESTICIDES-F052	SPAIN	11	Carbofuran	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	SPAIN	11	Chlorpyrifos	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	SPAIN	11	Dicofol	2	0.1015	0.0390	0.1640	
PESTICIDES-F052	SPAIN	11	Imazalil	7	1.3939	0.0550	4.2900	
PESTICIDES-F052	SPAIN	11	Myclobutanil	1	0.0550	0.0550	0.0550	
PESTICIDES-F052	SPAIN	11	Pirimiphos-methyl	1	0.0550	0.0550	0.0550	
PESTICIDES-F052	SPAIN	11	Prochloraz	1	0.0780	0.0780	0.0780	
PESTICIDES-F052	TURKEY	1	Pesticide Screen	1				
PESTICIDES-F052	TURKEY	1	2-phenylphenol (ortho-phenylphenol)	1	0.0490	0.0490	0.0490	
PESTICIDES-F052	UNITED STATES	23	Pesticide Screen	14				
PESTICIDES-F052	UNITED STATES	23	Chlorpyrifos	2	0.0094	0.0057	0.0130	
PESTICIDES-F052	UNITED STATES	23	Imazalil	13	1.0139	0.0200	2.6000	
PESTICIDES-F052	UNITED STATES	23	Methiocarb	1	0.0160	0.0160	0.0160	
PESTICIDES-F052	URUGUAY	3	Pesticide Screen	3				
PESTICIDES-F052	URUGUAY	3	2-phenylphenol (ortho-phenylphenol)	3	0.9214	0.2047	2.2717	
PESTICIDES-F052	URUGUAY	3	Imazalil	2	0.7968	0.3396	1.2540	
THIABENDAZOLE	ARGENTINA	1	Thiabendazole					
THIABENDAZOLE	CHILE	2	Thiabendazole					
THIABENDAZOLE	MEXICO	7	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	2	Thiabendazole					
THIABENDAZOLE	SPAIN	7	Thiabendazole	5	0.3764	0.0100	1.3500	
THIABENDAZOLE	UNITED STATES	6	Thiabendazole	1	0.6585	0.6585	0.6585	

LETTUCE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
ABAMECTIN	UNITED STATES	2	Abamectin					
ALAR	UNITED STATES	9	Daminozide					
AMITRAZ	UNITED STATES	5	Amitraz					
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	MEXICO	4	Benomyl					
BENOMYL	UNITED STATES	50	Benomyl					
EBDC(DC)	GUATEMALA	1	Dithiocarbamate					

LETTUCE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	ITALY	1	Dithiocarbamate					
EBDC(DC)	MEXICO	5	Dithiocarbamate					
EBDC(DC)	UNITED STATES	62	Dithiocarbamate	3	0.4100	0.1400	0.9200	
EBDC(EBDC)	GUATEMALA	1	Ethylene Diamine					
EBDC(EBDC)	ITALY	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	5	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	70	Ethylene Diamine	1	0.5340	0.5340	0.5340	
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	4	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	52	Ethylene Thiourea					
FORMETANATE	UNITED STATES	12	Formetanate					
PESTICIDES-F052	GUATEMALA	2	Pesticide Screen	1				
PESTICIDES-F052	GUATEMALA	2	Dichloran	1	0.0841	0.0841	0.0841	
PESTICIDES-F052	GUATEMALA	2	Fludioxonil	1	0.3760	0.3760	0.3760	1
PESTICIDES-F052	ITALY	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	2	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	2	Permethrin	1	0.0620	0.0620	0.0620	
PESTICIDES-F052	UNITED STATES	86	Pesticide Screen	28				
PESTICIDES-F052	UNITED STATES	86	Bifenthrin	1	0.0042	0.0042	0.0042	
PESTICIDES-F052	UNITED STATES	86	Carbaryl	1	0.0071	0.0071	0.0071	
PESTICIDES-F052	UNITED STATES	86	Crotoxyphos	1	0.0126	0.0126	0.0126	
PESTICIDES-F052	UNITED STATES	86	Cyfluthrin (I,II,III,IV)	2	0.3507	0.3183	0.3830	2
PESTICIDES-F052	UNITED STATES	86	Cyhalothrin-lambda	3	0.4067	0.0650	0.9900	
PESTICIDES-F052	UNITED STATES	86	Cypermethrin	4	0.0838	0.0300	0.1880	1
PESTICIDES-F052	UNITED STATES	86	Cyprodinil	1	0.0046	0.0046	0.0046	
PESTICIDES-F052	UNITED STATES	86	Dacthal (chlorthal-dimethyl)	8	0.0016	0.0004	0.0050	
PESTICIDES-F052	UNITED STATES	86	Diazinon	3	0.0023	0.0017	0.0031	
PESTICIDES-F052	UNITED STATES	86	Endosulfan sulfate	1	0.0064	0.0064	0.0064	
PESTICIDES-F052	UNITED STATES	86	Endosulfan Total	9	0.0450	0.0032	0.1800	
PESTICIDES-F052	UNITED STATES	86	Metalaxyl	2	0.0023	0.0016	0.0030	
PESTICIDES-F052	UNITED STATES	86	Methomyl	5	0.1052	0.0050	0.3150	
PESTICIDES-F052	UNITED STATES	86	p,p'-DDE	1	0.0058	0.0058	0.0058	
PESTICIDES-F052	UNITED STATES	86	Permethrin	3	0.0499	0.0088	0.0760	
PESTICIDES-F052	UNITED STATES	86	Propyzamide	1	0.0012	0.0012	0.0012	
THIABENDAZOLE	GUATEMALA	2	Thiabendazole					
THIABENDAZOLE	MEXICO	3	Thiabendazole					
THIABENDAZOLE	UNITED STATES	48	Thiabendazole					

LIME, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	UNITED STATES	2	Amitraz					
BENOMYL	BRAZIL	1	Benomyl					

LIME, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	7	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	BRAZIL	1	Dithiocarbamate					
EBDC(DC)	MEXICO	8	Dithiocarbamate					
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	BRAZIL	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	9	Ethylene Diamine	1	0.2010	0.2010	0.2010	
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	BRAZIL	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	MEXICO	3	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	MEXICO	11	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	11	2-phenylphenol (ortho-phenylphenol)	2	0.0279	0.0268	0.0290	
PESTICIDES-F052	MEXICO	11	Chlorpyrifos	1	0.0380	0.0380	0.0380	
PESTICIDES-F052	MEXICO	11	Dicofol	1	0.0160	0.0160	0.0160	
PESTICIDES-F052	MEXICO	11	Parathion-methyl	1	0.1252	0.1252	0.1252	
PESTICIDES-F052	UNITED STATES	7	Pesticide Screen	3				
PESTICIDES-F052	UNITED STATES	7	2-phenylphenol (ortho-phenylphenol)	3	0.0370	0.0267	0.0511	
PESTICIDES-F052	UNITED STATES	7	Flusilazole	1	0.0050	0.0050	0.0050	
THIABENDAZOLE	MEXICO	10	Thiabendazole					
THIABENDAZOLE	UNITED STATES	2	Thiabendazole					

LO-BOK, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	2	Benomyl					
EBDC(DC)	MEXICO	2	Dithiocarbamate	2	3.0650	2.6200	3.5100	
EBDC(EBDC)	MEXICO	2	Ethylene Diamine					
EBDC(ETU)	MEXICO	2	Ethylene Thiourea					
PESTICIDES-F052	CHINA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	2	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					

LONGAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	THAILAND	1	Ethylene Diamine					
PESTICIDES-F052	THAILAND	2	Pesticide Screen	1				

LONGAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	THAILAND	2	Chlorpyrifos	1	0.0649	0.0649	0.0649	
PESTICIDES-F052	THAILAND	2	Cypermethrin	1	0.3420	0.3420	0.3420	1
THIABENDAZOLE	THAILAND	2	Thiabendazole					

LYCHEE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	SOUTH AFRICA	1	Daminozide					
AMITRAZ	SOUTH AFRICA	1	Amitraz					
BENOMYL	AUSTRALIA	2	Benomyl					
BENOMYL	CHINA	2	Benomyl	1	0.0316	0.0316	0.0316	
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	SOUTH AFRICA	1	Benomyl					
EBDC(DC)	AUSTRALIA	2	Dithiocarbamate					
EBDC(DC)	CHINA	3	Dithiocarbamate	1	0.4500	0.4500	0.4500	1
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(DC)	SOUTH AFRICA	1	Dithiocarbamate					
EBDC(EBDC)	AUSTRALIA	2	Ethylene Diamine					
EBDC(EBDC)	CHINA	3	Ethylene Diamine	1	0.5550	0.5550	0.5550	
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	1	Ethylene Diamine					
EBDC(ETU)	CHINA	3	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	1	Ethylene Thiourea					
FORMETANATE	SOUTH AFRICA	2	Formetanate					
PESTICIDES-F052	AUSTRALIA	2	Pesticide Screen					
PESTICIDES-F052	CHINA	4	Pesticide Screen	2				
PESTICIDES-F052	CHINA	4	Endosulfan Total	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	CHINA	4	Iprodione	1	0.0430	0.0430	0.0430	
PESTICIDES-F052	CHINA	4	Prochloraz	2	0.2495	0.0570	0.4420	1
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	SOUTH AFRICA	1	Pesticide Screen					
THIABENDAZOLE	AUSTRALIA	1	Thiabendazole					
THIABENDAZOLE	CHINA	2	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	1	Thiabendazole					

MANGO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	COSTA RICA	1	Daminozide					
ALAR	MEXICO	4	Daminozide					

MANGO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	PERU	4	Daminozide					
AMITRAZ	COSTA RICA	1	Amitraz					
AMITRAZ	HAITI	1	Amitraz					
AMITRAZ	MEXICO	5	Amitraz					
AMITRAZ	PERU	4	Amitraz					
BENOMYL	BRAZIL	3	Benomyl					
BENOMYL	COSTA RICA	1	Benomyl					
BENOMYL	ECUADOR	4	Benomyl	1	0.0134	0.0134	0.0134	
BENOMYL	HAITI	1	Benomyl					
BENOMYL	MEXICO	4	Benomyl					
BENOMYL	PERU	9	Benomyl					
EBDC(DC)	BRAZIL	3	Dithiocarbamate					
EBDC(DC)	COSTA RICA	1	Dithiocarbamate					
EBDC(DC)	ECUADOR	3	Dithiocarbamate	1	0.2400	0.2400	0.2400	
EBDC(DC)	HAITI	1	Dithiocarbamate					
EBDC(DC)	MEXICO	4	Dithiocarbamate					
EBDC(DC)	PERU	9	Dithiocarbamate					
EBDC(EBDC)	BRAZIL	3	Ethylene Diamine					
EBDC(EBDC)	COSTA RICA	1	Ethylene Diamine					
EBDC(EBDC)	ECUADOR	5	Ethylene Diamine					
EBDC(EBDC)	HAITI	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	4	Ethylene Diamine					
EBDC(EBDC)	PERU	9	Ethylene Diamine					
EBDC(ETU)	BRAZIL	3	Ethylene Thiourea					
EBDC(ETU)	COSTA RICA	1	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	2	Ethylene Thiourea					
EBDC(ETU)	HAITI	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	4	Ethylene Thiourea					
EBDC(ETU)	PERU	6	Ethylene Thiourea					
FORMETANATE	BRAZIL	1	Formetanate					
FORMETANATE	COSTA RICA	1	Formetanate					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
FORMETANATE	ECUADOR	1	Formetanate					
FORMETANATE	HAITI	1	Formetanate					
FORMETANATE	MEXICO	6	Formetanate					
FORMETANATE	PERU	4	Formetanate					
PESTICIDES-F052	BRAZIL	4	Pesticide Screen					
PESTICIDES-F052	COSTA RICA	1	Pesticide Screen					
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	1	2-phenylphenol (ortho-phenylphenol)	1	0.0300	0.0300	0.0300	
PESTICIDES-F052	ECUADOR	3	Pesticide Screen					
PESTICIDES-F052	HAITI	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	9	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	9	Diphenylamine	1	0.0016	0.0016	0.0016	
PESTICIDES-F052	PERU	8	Pesticide Screen					
THIABENDAZOLE	BRAZIL	2	Thiabendazole	1	0.0761	0.0761	0.0761	
THIABENDAZOLE	COSTA RICA	1	Thiabendazole					
THIABENDAZOLE	ECUADOR	2	Thiabendazole					

MANGO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE	HAITI	2	Thiabendazole					
THIABENDAZOLE	MEXICO	5	Thiabendazole					
THIABENDAZOLE	PERU	5	Thiabendazole	1	0.0170	0.0170	0.0170	

MANGOSTEEN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COLOMBIA	1	Benomyl					
BENOMYL	THAILAND	2	Benomyl					
EBDC(DC)	COLOMBIA	1	Dithiocarbamate					
EBDC(DC)	THAILAND	2	Dithiocarbamate					
EBDC(DC)	VIETNAM	1	Dithiocarbamate					
EBDC(EBDC)	COLOMBIA	1	Ethylene Diamine					
EBDC(EBDC)	THAILAND	2	Ethylene Diamine					
EBDC(EBDC)	VIETNAM	1	Ethylene Diamine					
EBDC(ETU)	COLOMBIA	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
FORMETANATE	COLOMBIA	1	Formetanate					
PESTICIDES-F052	COLOMBIA	2	Pesticide Screen	1				
PESTICIDES-F052	COLOMBIA	2	Iprodione	1	0.9710	0.9710	0.9710	1
PESTICIDES-F052	THAILAND	2	Pesticide Screen					
PESTICIDES-F052	VIETNAM	1	Pesticide Screen					
THIABENDAZOLE	THAILAND	1	Thiabendazole					
THIABENDAZOLE	VIETNAM	1	Thiabendazole					

MELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	GUATEMALA	1	Daminozide					
ALAR	HONDURAS	1	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	GUATEMALA	1	Amitraz					
AMITRAZ	HONDURAS	1	Amitraz					
AMITRAZ	MEXICO	1	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	BAHRAIN	1	Benomyl	1	0.0310	0.0310	0.0310	
BENOMYL	BRAZIL	3	Benomyl					
BENOMYL	COSTA RICA	14	Benomyl	2	0.0195	0.0140	0.0250	
BENOMYL	DOMINICAN REPUBLIC	2	Benomyl	1	0.1500	0.1500	0.1500	
BENOMYL	ECUADOR	1	Benomyl					
BENOMYL	GUATEMALA	12	Benomyl	4	0.0523	0.0200	0.1113	

MELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	HONDURAS	17	Benomyl					
BENOMYL	MEXICO	4	Benomyl					
BENOMYL	PANAMA	8	Benomyl					
BENOMYL	UNITED STATES	9	Benomyl					
EBDC(DC)	BAHRAIN	1	Dithiocarbamate					
EBDC(DC)	BRAZIL	4	Dithiocarbamate	1	0.3700	0.3700	0.3700	
EBDC(DC)	COSTA RICA	17	Dithiocarbamate	1	0.5700	0.5700	0.5700	
EBDC(DC)	DOMINICAN REPUBLIC	2	Dithiocarbamate					
EBDC(DC)	ECUADOR	1	Dithiocarbamate					
EBDC(DC)	GUATEMALA	12	Dithiocarbamate					
EBDC(DC)	HONDURAS	16	Dithiocarbamate					
EBDC(DC)	MEXICO	5	Dithiocarbamate					
EBDC(DC)	PANAMA	9	Dithiocarbamate					
EBDC(DC)	UNITED STATES	10	Dithiocarbamate	1	0.1700	0.1700	0.1700	
EBDC(EBDC)	BAHRAIN	1	Ethylene Diamine					
EBDC(EBDC)	BRAZIL	4	Ethylene Diamine					
EBDC(EBDC)	COSTA RICA	19	Ethylene Diamine	2	0.3175	0.1980	0.4370	
EBDC(EBDC)	DOMINICAN REPUBLIC	2	Ethylene Diamine	1	0.5940	0.5940	0.5940	
EBDC(EBDC)	ECUADOR	2	Ethylene Diamine					
EBDC(EBDC)	GUATEMALA	22	Ethylene Diamine	6	0.4045	0.2480	0.6440	
EBDC(EBDC)	HONDURAS	16	Ethylene Diamine	3	0.2380	0.1550	0.3990	
EBDC(EBDC)	MEXICO	11	Ethylene Diamine					
EBDC(EBDC)	PANAMA	9	Ethylene Diamine	1	0.3410	0.3410	0.3410	
EBDC(EBDC)	UNITED STATES	10	Ethylene Diamine	2	0.2315	0.2110	0.2520	
EBDC(ETU)	BRAZIL	4	Ethylene Thiourea					
EBDC(ETU)	COSTA RICA	12	Ethylene Thiourea					
EBDC(ETU)	DOMINICAN REPUBLIC	2	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	1	Ethylene Thiourea					
EBDC(ETU)	GUATEMALA	8	Ethylene Thiourea					
EBDC(ETU)	HONDURAS	15	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
EBDC(ETU)	PANAMA	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	10	Ethylene Thiourea					
FORMETANATE	BRAZIL	1	Formetanate					
FORMETANATE	COSTA RICA	12	Formetanate					
FORMETANATE	DOMINICAN REPUBLIC	3	Formetanate					
FORMETANATE	ECUADOR	1	Formetanate					
FORMETANATE	GUATEMALA	9	Formetanate					
FORMETANATE	HONDURAS	16	Formetanate					
FORMETANATE	MEXICO	3	Formetanate					
FORMETANATE	PANAMA	8	Formetanate					
FORMETANATE	TAIWAN	1	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	BAHRAIN	1	Pesticide Screen					
PESTICIDES-F052	BRAZIL	5	Pesticide Screen					
PESTICIDES-F052	COSTA RICA	15	Pesticide Screen	6				
PESTICIDES-F052	COSTA RICA	15	Endosulfan Total	3	0.0927	0.0750	0.1100	
PESTICIDES-F052	COSTA RICA	15	Metalaxyl	2	0.0165	0.0130	0.0200	

MELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	COSTA RICA	15	Methomyl	1	0.0121	0.0121	0.0121	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Endosulfan Total	1	0.0330	0.0330	0.0330	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Procymidone	1	0.0540	0.0540	0.0540	
PESTICIDES-F052	ECUADOR	2	Pesticide Screen					
PESTICIDES-F052	GUATEMALA	14	Pesticide Screen	12				
PESTICIDES-F052	GUATEMALA	14	Carbaryl	2	0.0019	0.0018	0.0019	
PESTICIDES-F052	GUATEMALA	14	Dimethoate	1	0.0397	0.0397	0.0397	
PESTICIDES-F052	GUATEMALA	14	Endosulfan Total	10	0.0740	0.0100	0.2240	
PESTICIDES-F052	GUATEMALA	14	Imazalil	1	0.0125	0.0125	0.0125	
PESTICIDES-F052	GUATEMALA	14	Iprodione	2	0.0049	0.0037	0.0060	
PESTICIDES-F052	GUATEMALA	14	Methomyl	2	0.1083	0.0007	0.2158	1
PESTICIDES-F052	GUATEMALA	14	Mirex	1	0.0960	0.0960	0.0960	
PESTICIDES-F052	GUATEMALA	14	Omethoate	1	0.0253	0.0253	0.0253	
PESTICIDES-F052	GUATEMALA	14	Oxamyl	3	0.0079	0.0016	0.0200	
PESTICIDES-F052	HONDURAS	20	Pesticide Screen	12				
PESTICIDES-F052	HONDURAS	20	Endosulfan Total	8	0.0746	0.0150	0.1580	
PESTICIDES-F052	HONDURAS	20	Iprodione	1	0.0030	0.0030	0.0030	
PESTICIDES-F052	HONDURAS	20	Metalaxyl	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	HONDURAS	20	Methomyl	4	0.0340	0.0129	0.0660	
PESTICIDES-F052	MEXICO	10	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	10	Bifenthrin	1	0.0031	0.0031	0.0031	
PESTICIDES-F052	MEXICO	10	Endosulfan sulfate	2	0.0761	0.0134	0.1387	
PESTICIDES-F052	MEXICO	10	Endosulfan Total	3	0.0430	0.0230	0.0760	
PESTICIDES-F052	PANAMA	9	Pesticide Screen	6				
PESTICIDES-F052	PANAMA	9	Bifenthrin	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	PANAMA	9	Carbofuran	1	0.0130	0.0130	0.0130	
PESTICIDES-F052	PANAMA	9	Metalaxyl	2	0.0490	0.0170	0.0810	
PESTICIDES-F052	PANAMA	9	Methomyl	3	0.0680	0.0220	0.1320	1
PESTICIDES-F052	TAIWAN	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	20	Pesticide Screen	4				
PESTICIDES-F052	UNITED STATES	20	Endosulfan Total	3	0.0187	0.0091	0.0297	
PESTICIDES-F052	UNITED STATES	20	Metalaxyl	2	0.0038	0.0035	0.0040	
PESTICIDES-F052	UNITED STATES	20	Myclobutanil	1	0.0075	0.0075	0.0075	
THIABENDAZOLE	BAHRAIN	1	Thiabendazole	1	0.0980	0.0980	0.0980	
THIABENDAZOLE	BRAZIL	4	Thiabendazole	1	0.0100	0.0100	0.0100	
THIABENDAZOLE	COSTA RICA	14	Thiabendazole					
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole					
THIABENDAZOLE	ECUADOR	2	Thiabendazole					
THIABENDAZOLE	GUATEMALA	8	Thiabendazole	1	0.0550	0.0550	0.0550	
THIABENDAZOLE	HONDURAS	9	Thiabendazole					
THIABENDAZOLE	MEXICO	5	Thiabendazole					
THIABENDAZOLE	PANAMA	7	Thiabendazole					
THIABENDAZOLE	UNITED STATES	8	Thiabendazole					

MINT, FRESH

MINT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MOROCCO	1	Benomyl					
EBDC(DC)	MOROCCO	1	Dithiocarbamate					
EBDC(EBDC)	MOROCCO	1	Ethylene Diamine					
EBDC(ETU)	MOROCCO	1	Ethylene Thiourea					
PESTICIDES-F052	MOROCCO	1	Pesticide Screen	1				
PESTICIDES-F052	MOROCCO	1	Cypermethrin	1	0.0303	0.0303	0.0303	
PESTICIDES-F052	MOROCCO	1	Endosulfan Total	1	0.0287	0.0287	0.0287	
PESTICIDES-F052	MOROCCO	1	Iprodione	1	0.0064	0.0064	0.0064	

MUSHROOM, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	KOREA, REP	1	Amitraz					
AMITRAZ	UNITED STATES	2	Amitraz					
BENOMYL	CHINA	2	Benomyl	1	0.0840	0.0840	0.0840	
BENOMYL	KOREA, REP	2	Benomyl					
BENOMYL	TAIWAN	1	Benomyl					
BENOMYL	UNITED STATES	9	Benomyl					
EBDC(DC)	CHINA	2	Dithiocarbamate	2	2.1700	0.5200	3.8200	1
EBDC(DC)	KOREA, REP	2	Dithiocarbamate					
EBDC(DC)	TAIWAN	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	11	Dithiocarbamate	1	0.9000	0.9000	0.9000	1
EBDC(EBDC)	CHINA	4	Ethylene Diamine					
EBDC(EBDC)	KOREA, REP	2	Ethylene Diamine					
EBDC(EBDC)	TAIWAN	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	11	Ethylene Diamine	2	1.0085	0.9130	1.1040	
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	2	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	11	Ethylene Thiourea					
FORMETANATE	KOREA, REP	1	Formetanate					
FORMETANATE	UNITED STATES	4	Formetanate	1	0.0085	0.0085	0.0085	
PESTICIDES-F052	CHINA	4	Pesticide Screen					
PESTICIDES-F052	KOREA, REP	2	Pesticide Screen					
PESTICIDES-F052	TAIWAN	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	17	Pesticide Screen	4				
PESTICIDES-F052	UNITED STATES	17	2-phenylphenol (ortho-phenylphenol)	1	0.0383	0.0383	0.0383	
PESTICIDES-F052	UNITED STATES	17	Biphenyl	1	0.0023	0.0023	0.0023	
PESTICIDES-F052	UNITED STATES	17	Diazinon	2	0.0152	0.0106	0.0197	
PESTICIDES-F052	UNITED STATES	17	p,p'-DDE	1	0.0015	0.0015	0.0015	
THIABENDAZOLE	CHINA	2	Thiabendazole					
THIABENDAZOLE	KOREA, REP	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	9	Thiabendazole	1	0.0329	0.0329	0.0329	

NAGAIMO-ROOT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	CHINA	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					

NECTARINE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHILE	6	Daminozide					
ALAR	UNITED STATES	3	Daminozide					
AMITRAZ	CHILE	10	Amitraz					
AMITRAZ	UNITED STATES	6	Amitraz					
BENOMYL	CHILE	13	Benomyl					
BENOMYL	UNITED STATES	7	Benomyl					
EBDC(DC)	CHILE	20	Dithiocarbamate					
EBDC(DC)	UNITED STATES	7	Dithiocarbamate	1	0.4300	0.4300	0.4300	
EBDC(EBDC)	CHILE	26	Ethylene Diamine	1	0.4840	0.4840	0.4840	
EBDC(EBDC)	UNITED STATES	7	Ethylene Diamine					
EBDC(ETU)	CHILE	13	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	7	Ethylene Thiourea					
FORMETANATE	CHILE	11	Formetanate	1	0.0783	0.0783	0.0783	
FORMETANATE	UNITED STATES	4	Formetanate	1	0.0059	0.0059	0.0059	
PESTICIDES-F052	CHILE	19	Pesticide Screen	17				
PESTICIDES-F052	CHILE	19	Azinphos-methyl	3	0.0573	0.0200	0.1220	
PESTICIDES-F052	CHILE	19	Azoxystrobin	1	0.0210	0.0210	0.0210	
PESTICIDES-F052	CHILE	19	Captan	1	0.1060	0.1060	0.1060	
PESTICIDES-F052	CHILE	19	Dimethoate	1	0.1070	0.1070	0.1070	1
PESTICIDES-F052	CHILE	19	Imazalil	1	0.0273	0.0273	0.0273	
PESTICIDES-F052	CHILE	19	Iprodione	16	1.3449	0.0936	3.3000	
PESTICIDES-F052	CHILE	19	Methomyl	1	0.1330	0.1330	0.1330	1
PESTICIDES-F052	CHILE	19	Pirimicarb	1	0.0189	0.0189	0.0189	
PESTICIDES-F052	CHILE	19	Pirimiphos-methyl	1	0.0002	0.0002	0.0002	
PESTICIDES-F052	CHILE	19	Propiconazole	2	0.0076	0.0022	0.0130	
PESTICIDES-F052	UNITED STATES	14	Pesticide Screen	8				
PESTICIDES-F052	UNITED STATES	14	Azoxystrobin	1	0.0154	0.0154	0.0154	
PESTICIDES-F052	UNITED STATES	14	Cyprodinil	1	0.2532	0.2532	0.2532	
PESTICIDES-F052	UNITED STATES	14	Fenbuconazole	1	0.0103	0.0103	0.0103	
PESTICIDES-F052	UNITED STATES	14	Fludioxonil	8	0.3099	0.0034	1.3960	
PESTICIDES-F052	UNITED STATES	14	Phosmet	3	0.0568	0.0155	0.0776	
PESTICIDES-F052	UNITED STATES	14	Propiconazole	2	0.0374	0.0048	0.0700	
PESTICIDES-F052	UNITED STATES	14	Tebuconazole	1	0.1153	0.1153	0.1153	
THIABENDAZOLE	CHILE	10	Thiabendazole					
THIABENDAZOLE	UNITED STATES	4	Thiabendazole					

OLIVES, FRESH

OLIVES, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

ONION, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHILE	2	Daminozide					
AMITRAZ	CHILE	2	Amitraz					
AMITRAZ	UNITED STATES	2	Amitraz					
BENOMYL	BRAZIL	1	Benomyl					
BENOMYL	CHILE	3	Benomyl					
BENOMYL	CHINA	1	Benomyl					
BENOMYL	MEXICO	2	Benomyl					
BENOMYL	NETHERLANDS	1	Benomyl					
BENOMYL	UNITED STATES	7	Benomyl					
EBDC(DC)	BRAZIL	1	Dithiocarbamate					
EBDC(DC)	CHILE	3	Dithiocarbamate					
EBDC(DC)	CHINA	2	Dithiocarbamate					
EBDC(DC)	MEXICO	2	Dithiocarbamate					
EBDC(DC)	NETHERLANDS	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	7	Dithiocarbamate	2	0.1100	0.0500	0.1700	
EBDC(EBDC)	BRAZIL	1	Ethylene Diamine					
EBDC(EBDC)	CHILE	3	Ethylene Diamine					
EBDC(EBDC)	CHINA	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	2	Ethylene Diamine					
EBDC(EBDC)	NETHERLANDS	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	7	Ethylene Diamine					
EBDC(ETU)	CHILE	3	Ethylene Thiourea					
EBDC(ETU)	MEXICO	2	Ethylene Thiourea					
EBDC(ETU)	NETHERLANDS	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	6	Ethylene Thiourea					
FORMETANATE	CHILE	2	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	BRAZIL	1	Pesticide Screen					
PESTICIDES-F052	CHILE	3	Pesticide Screen					
PESTICIDES-F052	CHINA	3	Pesticide Screen					
PESTICIDES-F052	FRANCE	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	2	Pesticide Screen					
PESTICIDES-F052	NETHERLANDS	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	14	Pesticide Screen	2				

ONION, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	14	Methomyl	1	0.0080	0.0080	0.0080	
PESTICIDES-F052	UNITED STATES	14	Oxamyl	1	0.0395	0.0395	0.0395	
THIABENDAZOLE	CHILE	1	Thiabendazole					
THIABENDAZOLE	CHINA	3	Thiabendazole					
THIABENDAZOLE	FRANCE	1	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	7	Thiabendazole					

ONION, FRESH GREEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
BENOMYL	CHINA	1	Benomyl					
BENOMYL	MEXICO	3	Benomyl					
EBDC(DC)	CHINA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	7	Dithiocarbamate	1	0.1500	0.1500	0.1500	
EBDC(DC)	UNITED STATES	3	Dithiocarbamate					
EBDC(EBDC)	CHINA	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	8	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	3	Ethylene Diamine					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					
PESTICIDES-F052	CHINA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	7	Pesticide Screen	2				
PESTICIDES-F052	MEXICO	7	Azoxystrobin	1	0.0450	0.0450	0.0450	
PESTICIDES-F052	MEXICO	7	Carbaryl	1	0.0500	0.0500	0.0500	
PESTICIDES-F052	MEXICO	7	Cypermethrin	1	0.0630	0.0630	0.0630	
PESTICIDES-F052	UNITED STATES	4	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	4	Cypermethrin	1	0.1480	0.1480	0.1480	1
THIABENDAZOLE	MEXICO	3	Thiabendazole					

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHINA	1	Daminozide					
ALAR	JAMAICA	1	Daminozide					
ALAR	MOROCCO	3	Daminozide					
ALAR	SOUTH AFRICA	2	Daminozide					
ALAR	SPAIN	1	Daminozide					
ALAR	UNITED STATES	2	Daminozide					

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	ARGENTINA	1	Amitraz					
AMITRAZ	AUSTRALIA	1	Amitraz					
AMITRAZ	BRAZIL	1	Amitraz					
AMITRAZ	CHILE	1	Amitraz					
AMITRAZ	CHINA	12	Amitraz					
AMITRAZ	ISRAEL	1	Amitraz					
AMITRAZ	ITALY	2	Amitraz					
AMITRAZ	JAMAICA	2	Amitraz					
AMITRAZ	MOROCCO	24	Amitraz					
AMITRAZ	PAKISTAN	1	Amitraz					
AMITRAZ	PERU	1	Amitraz					
AMITRAZ	SOUTH AFRICA	5	Amitraz					
AMITRAZ	SPAIN	7	Amitraz					
AMITRAZ	UNITED STATES	12	Amitraz					
BENOMYL	BAHRAIN	1	Benomyl					
BENOMYL	BRAZIL	1	Benomyl					
BENOMYL	CHILE	7	Benomyl					
BENOMYL	CHINA	21	Benomyl	3	0.0338	0.0251	0.0452	
BENOMYL	EGYPT	1	Benomyl					
BENOMYL	ISRAEL	2	Benomyl					
BENOMYL	ITALY	2	Benomyl					
BENOMYL	JAMAICA	2	Benomyl					
BENOMYL	JAPAN	1	Benomyl	1	0.0417	0.0417	0.0417	
BENOMYL	KOREA, REP	1	Benomyl					
BENOMYL	MOROCCO	29	Benomyl	2	0.0316	0.0230	0.0402	
BENOMYL	PAKISTAN	1	Benomyl					
BENOMYL	PERU	2	Benomyl					
BENOMYL	SOUTH AFRICA	12	Benomyl					
BENOMYL	SPAIN	10	Benomyl					
BENOMYL	TAIWAN	4	Benomyl	2	0.1078	0.0646	0.1510	
BENOMYL	THAILAND	2	Benomyl	2	0.2257	0.0765	0.3749	
BENOMYL	UNITED STATES	25	Benomyl					
BENOMYL	URUGUAY	2	Benomyl					
EBDC(DC)	BAHRAIN	1	Dithiocarbamate					
EBDC(DC)	BRAZIL	1	Dithiocarbamate					
EBDC(DC)	CHILE	8	Dithiocarbamate	1	0.0850	0.0850	0.0850	
EBDC(DC)	CHINA	25	Dithiocarbamate	3	0.6967	0.2200	1.0200	1
EBDC(DC)	EGYPT	1	Dithiocarbamate					
EBDC(DC)	ISRAEL	2	Dithiocarbamate					
EBDC(DC)	ITALY	4	Dithiocarbamate					
EBDC(DC)	JAMAICA	3	Dithiocarbamate					
EBDC(DC)	JAPAN	1	Dithiocarbamate					
EBDC(DC)	KOREA, REP	1	Dithiocarbamate	1	0.2100	0.2100	0.2100	
EBDC(DC)	MOROCCO	34	Dithiocarbamate	1	1.4800	1.4800	1.4800	1
EBDC(DC)	PAKISTAN	1	Dithiocarbamate					
EBDC(DC)	PERU	2	Dithiocarbamate					
EBDC(DC)	SOUTH AFRICA	12	Dithiocarbamate	2	0.6100	0.3400	0.8800	2
EBDC(DC)	SPAIN	12	Dithiocarbamate	1	0.5600	0.5600	0.5600	1

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	TAIWAN	4	Dithiocarbamate					
EBDC(DC)	THAILAND	2	Dithiocarbamate					
EBDC(DC)	UNITED STATES	30	Dithiocarbamate	2	0.3150	0.2100	0.4200	2
EBDC(DC)	URUGUAY	2	Dithiocarbamate	1	0.3400	0.3400	0.3400	1
EBDC(EBDC)	BAHRAIN	1	Ethylene Diamine					
EBDC(EBDC)	BRAZIL	1	Ethylene Diamine	1	0.0840	0.0840	0.0840	
EBDC(EBDC)	CHILE	8	Ethylene Diamine					
EBDC(EBDC)	CHINA	26	Ethylene Diamine	7	0.5507	0.1750	1.2400	2
EBDC(EBDC)	EGYPT	1	Ethylene Diamine					
EBDC(EBDC)	ISRAEL	2	Ethylene Diamine					
EBDC(EBDC)	ITALY	4	Ethylene Diamine					
EBDC(EBDC)	JAMAICA	4	Ethylene Diamine					
EBDC(EBDC)	JAPAN	1	Ethylene Diamine	1	0.2870	0.2870	0.2870	
EBDC(EBDC)	KOREA, REP	1	Ethylene Diamine	1	0.3610	0.3610	0.3610	1
EBDC(EBDC)	MOROCCO	34	Ethylene Diamine					
EBDC(EBDC)	PAKISTAN	2	Ethylene Diamine					
EBDC(EBDC)	PERU	2	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	12	Ethylene Diamine	5	0.2444	0.0680	0.3640	
EBDC(EBDC)	SPAIN	13	Ethylene Diamine	2	0.1415	0.1080	0.1750	
EBDC(EBDC)	TAIWAN	4	Ethylene Diamine	3	0.5490	0.3200	0.7420	
EBDC(EBDC)	THAILAND	2	Ethylene Diamine	1	0.1910	0.1910	0.1910	
EBDC(EBDC)	UNITED STATES	33	Ethylene Diamine					
EBDC(EBDC)	URUGUAY	2	Ethylene Diamine					
EBDC(ETU)	BAHRAIN	1	Ethylene Thiourea					
EBDC(ETU)	BRAZIL	1	Ethylene Thiourea					
EBDC(ETU)	CHILE	8	Ethylene Thiourea					
EBDC(ETU)	CHINA	15	Ethylene Thiourea					
EBDC(ETU)	EGYPT	1	Ethylene Thiourea					
EBDC(ETU)	ITALY	4	Ethylene Thiourea					
EBDC(ETU)	JAMAICA	2	Ethylene Thiourea					
EBDC(ETU)	JAPAN	1	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
EBDC(ETU)	MOROCCO	20	Ethylene Thiourea					
EBDC(ETU)	PERU	2	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	12	Ethylene Thiourea					
EBDC(ETU)	SPAIN	6	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	2	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	20	Ethylene Thiourea					
EBDC(ETU)	URUGUAY	2	Ethylene Thiourea					
FORMETANATE	CHILE	3	Formetanate					
FORMETANATE	CHINA	14	Formetanate					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
FORMETANATE	ISRAEL	2	Formetanate					
FORMETANATE	ITALY	1	Formetanate					
FORMETANATE	JAMAICA	2	Formetanate					
FORMETANATE	KOREA, REP	1	Formetanate					
FORMETANATE	MOROCCO	27	Formetanate	1	0.0173	0.0173	0.0173	

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	PERU	1	Formetanate					
FORMETANATE	SOUTH AFRICA	5	Formetanate					
FORMETANATE	SPAIN	7	Formetanate					
FORMETANATE	TAIWAN	1	Formetanate					
FORMETANATE	UNITED STATES	21	Formetanate					
PESTICIDES-F052	ARGENTINA	1	Pesticide Screen	1				
PESTICIDES-F052	ARGENTINA	1	2-phenylphenol (ortho-phenylphenol)	1	0.0752	0.0752	0.0752	
PESTICIDES-F052	ARGENTINA	1	Chlorpyrifos	1	0.1119	0.1119	0.1119	
PESTICIDES-F052	ARGENTINA	1	Imazalil	1	1.4568	1.4568	1.4568	
PESTICIDES-F052	ARGENTINA	1	Malathion	1	0.0207	0.0207	0.0207	
PESTICIDES-F052	AUSTRALIA	3	Pesticide Screen	1				
PESTICIDES-F052	AUSTRALIA	3	Imazalil	1	0.9253	0.9253	0.9253	
PESTICIDES-F052	BAHRAIN	1	Pesticide Screen					
PESTICIDES-F052	BRAZIL	3	Pesticide Screen	3				
PESTICIDES-F052	BRAZIL	3	Chlorpyrifos	1	0.0037	0.0037	0.0037	
PESTICIDES-F052	BRAZIL	3	Imazalil	3	1.1440	0.6379	2.1130	
PESTICIDES-F052	BRAZIL	3	Prochloraz	1	0.4711	0.4711	0.4711	1
PESTICIDES-F052	BRAZIL	3	Propiconazole	1	0.0149	0.0149	0.0149	
PESTICIDES-F052	CHILE	13	Pesticide Screen	9				
PESTICIDES-F052	CHILE	13	Carbaryl	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	CHILE	13	Chlorpyrifos	7	0.0424	0.0097	0.0748	
PESTICIDES-F052	CHILE	13	Dicofol	3	0.4653	0.2943	0.7754	
PESTICIDES-F052	CHILE	13	Imazalil	9	1.0761	0.1160	2.1214	
PESTICIDES-F052	CHILE	13	Methidathion	1	0.1224	0.1224	0.1224	
PESTICIDES-F052	CHINA	27	Pesticide Screen	23				
PESTICIDES-F052	CHINA	27	Carbofuran	1	0.0280	0.0280	0.0280	
PESTICIDES-F052	CHINA	27	Chlorpyrifos	5	0.0058	0.0019	0.0180	
PESTICIDES-F052	CHINA	27	Dicofol	3	0.0674	0.0230	0.1071	
PESTICIDES-F052	CHINA	27	Esfenvalerate	1	0.0470	0.0470	0.0470	
PESTICIDES-F052	CHINA	27	Fenpropathrin	6	0.0192	0.0080	0.0370	
PESTICIDES-F052	CHINA	27	Fenvalerate	1	0.0660	0.0660	0.0660	
PESTICIDES-F052	CHINA	27	Imazalil	13	0.4467	0.0350	2.9110	
PESTICIDES-F052	CHINA	27	Iprodione	1	0.0550	0.0550	0.0550	
PESTICIDES-F052	CHINA	27	Methidathion	7	0.0839	0.0260	0.1566	
PESTICIDES-F052	CHINA	27	Prochloraz	14	0.2811	0.0105	0.8260	11
PESTICIDES-F052	CHINA	27	Profenofos	4	0.0151	0.0097	0.0220	
PESTICIDES-F052	CHINA	27	Propargite	6	0.0604	0.0330	0.1180	
PESTICIDES-F052	CHINA	27	Pyridaben	1	0.0055	0.0055	0.0055	
PESTICIDES-F052	CHINA	27	Tetradifon	2	0.0285	0.0200	0.0370	
PESTICIDES-F052	CHINA	27	Triazophos	6	0.0574	0.0120	0.1498	1
PESTICIDES-F052	CYPRUS	2	Pesticide Screen	2				
PESTICIDES-F052	CYPRUS	2	2-phenylphenol (ortho-phenylphenol)	2	5.4833	2.6195	8.3470	
PESTICIDES-F052	CYPRUS	2	Chlorpyrifos	1	0.0834	0.0834	0.0834	
PESTICIDES-F052	CYPRUS	2	Imazalil	2	2.4950	1.4700	3.5200	
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Carbaryl	1	0.0618	0.0618	0.0618	
PESTICIDES-F052	EGYPT	1	Pesticide Screen	1				
PESTICIDES-F052	EGYPT	1	2-phenylphenol (ortho-phenylphenol)	1	0.2850	0.2850	0.2850	

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	ISRAEL	2	Pesticide Screen	2				
PESTICIDES-F052	ISRAEL	2	2-phenylphenol (ortho-phenylphenol)	2	0.0165	0.0070	0.0260	
PESTICIDES-F052	ISRAEL	2	Bromopropylate	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	ISRAEL	2	Imazalil	2	0.9800	0.2600	1.7000	
PESTICIDES-F052	ISRAEL	2	Methidathion	1	0.0510	0.0510	0.0510	
PESTICIDES-F052	ITALY	4	Pesticide Screen	3				
PESTICIDES-F052	ITALY	4	Imazalil	3	0.3110	0.0061	0.6590	
PESTICIDES-F052	JAMAICA	3	Pesticide Screen					
PESTICIDES-F052	JAPAN	1	Pesticide Screen	1				
PESTICIDES-F052	JAPAN	1	Bifenthrin	1	0.0078	0.0078	0.0078	
PESTICIDES-F052	JAPAN	1	Carbaryl	1	0.0149	0.0149	0.0149	
PESTICIDES-F052	JAPAN	1	Methidathion	1	0.1818	0.1818	0.1818	
PESTICIDES-F052	KOREA, REP	1	Pesticide Screen	1				
PESTICIDES-F052	KOREA, REP	1	Cypermethrin	1	0.0485	0.0485	0.0485	
PESTICIDES-F052	KOREA, REP	1	EPN	1	0.1518	0.1518	0.1518	1
PESTICIDES-F052	MOROCCO	43	Pesticide Screen	39				
PESTICIDES-F052	MOROCCO	43	2-phenylphenol (ortho-phenylphenol)	6	0.0347	0.0023	0.1592	
PESTICIDES-F052	MOROCCO	43	Biphenyl	1	0.0033	0.0033	0.0033	
PESTICIDES-F052	MOROCCO	43	Chlorpyrifos	15	0.0942	0.0107	0.5011	
PESTICIDES-F052	MOROCCO	43	Imazalil	35	0.8653	0.0260	3.3950	
PESTICIDES-F052	MOROCCO	43	Malathion	6	0.0324	0.0044	0.0800	
PESTICIDES-F052	MOROCCO	43	Methidathion	6	0.1948	0.0600	0.3170	
PESTICIDES-F052	MOROCCO	43	Methiocarb	1	0.0042	0.0042	0.0042	
PESTICIDES-F052	PAKISTAN	2	Pesticide Screen	1				
PESTICIDES-F052	PAKISTAN	2	Bifenthrin	1	0.0011	0.0011	0.0011	
PESTICIDES-F052	PAKISTAN	2	Carbaryl	1	0.0020	0.0020	0.0020	
PESTICIDES-F052	PAKISTAN	2	Chlorpyrifos	1	0.0047	0.0047	0.0047	
PESTICIDES-F052	PAKISTAN	2	Imazalil	1	0.6784	0.6784	0.6784	
PESTICIDES-F052	PERU	7	Pesticide Screen	6				
PESTICIDES-F052	PERU	7	Chlorpyrifos	3	0.0325	0.0090	0.0566	
PESTICIDES-F052	PERU	7	Imazalil	6	1.5783	0.7030	2.2017	
PESTICIDES-F052	PERU	7	Prochloraz	1	0.0283	0.0283	0.0283	
PESTICIDES-F052	PERU	7	Procymidone	2	0.0039	0.0031	0.0046	
PESTICIDES-F052	PERU	7	Propargite	1	0.1112	0.1112	0.1112	
PESTICIDES-F052	SOUTH AFRICA	28	Pesticide Screen	23				
PESTICIDES-F052	SOUTH AFRICA	28	2-phenylphenol (ortho-phenylphenol)	2	0.0071	0.0059	0.0082	
PESTICIDES-F052	SOUTH AFRICA	28	Azoxystrobin	2	0.0246	0.0160	0.0331	
PESTICIDES-F052	SOUTH AFRICA	28	Bromopropylate	7	0.0516	0.0019	0.1422	
PESTICIDES-F052	SOUTH AFRICA	28	Diphenylamine	2	0.0308	0.0067	0.0549	
PESTICIDES-F052	SOUTH AFRICA	28	Imazalil	23	1.1870	0.0474	3.1450	
PESTICIDES-F052	SOUTH AFRICA	28	Methidathion	4	0.0832	0.0077	0.1701	
PESTICIDES-F052	SOUTH AFRICA	28	Piperonyl butoxide	2	0.0318	0.0300	0.0336	
PESTICIDES-F052	SOUTH AFRICA	28	Prochloraz	1	0.0361	0.0361	0.0361	
PESTICIDES-F052	SOUTH AFRICA	28	Profenofos	1	0.0063	0.0063	0.0063	
PESTICIDES-F052	SOUTH AFRICA	28	Trifloxystrobin	3	0.0053	0.0051	0.0055	
PESTICIDES-F052	SPAIN	10	Pesticide Screen	9				
PESTICIDES-F052	SPAIN	10	2-phenylphenol (ortho-phenylphenol)	4	0.1398	0.0750	0.2090	
PESTICIDES-F052	SPAIN	10	Chlorpyrifos	7	0.0397	0.0108	0.0940	

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	SPAIN	10	Imazalil	7	2.3069	0.6330	4.7700	
PESTICIDES-F052	SPAIN	10	Malathion	3	0.1127	0.0140	0.2880	1
PESTICIDES-F052	SPAIN	10	Prochloraz	1	0.0860	0.0860	0.0860	
PESTICIDES-F052	TAIWAN	4	Pesticide Screen	3				
PESTICIDES-F052	TAIWAN	4	Azoxystrobin	1	0.0066	0.0066	0.0066	
PESTICIDES-F052	TAIWAN	4	Bromopropylate	1	0.1430	0.1430	0.1430	
PESTICIDES-F052	TAIWAN	4	Chlorpyrifos	1	0.0109	0.0109	0.0109	
PESTICIDES-F052	TAIWAN	4	Dicofol	2	0.2217	0.2134	0.2300	
PESTICIDES-F052	TAIWAN	4	Esfenvalerate	3	0.0233	0.0171	0.0317	
PESTICIDES-F052	TAIWAN	4	Ethion	3	0.0887	0.0575	0.1126	
PESTICIDES-F052	TAIWAN	4	Fenvalerate	3	0.0649	0.0443	0.0954	
PESTICIDES-F052	TAIWAN	4	Imazalil	1	0.0131	0.0131	0.0131	
PESTICIDES-F052	TAIWAN	4	Malathion	1	0.0290	0.0290	0.0290	
PESTICIDES-F052	TAIWAN	4	Propiconazole	1	0.0112	0.0112	0.0112	
PESTICIDES-F052	TAIWAN	4	Prothiophos	1	0.0212	0.0212	0.0212	
PESTICIDES-F052	THAILAND	2	Pesticide Screen	2				
PESTICIDES-F052	THAILAND	2	3-OH Carbofuran	1	0.0104	0.0104	0.0104	
PESTICIDES-F052	THAILAND	2	Carbofuran	1	0.0231	0.0231	0.0231	
PESTICIDES-F052	THAILAND	2	Chlorpyrifos	1	0.0660	0.0660	0.0660	
PESTICIDES-F052	THAILAND	2	Cypermethrin	1	0.3430	0.3430	0.3430	
PESTICIDES-F052	THAILAND	2	Dicofol	1	0.8492	0.8492	0.8492	
PESTICIDES-F052	THAILAND	2	Ethion	2	0.2717	0.1820	0.3613	
PESTICIDES-F052	THAILAND	2	Imazalil	1	0.4109	0.4109	0.4109	
PESTICIDES-F052	THAILAND	2	Profenofos	1	0.0475	0.0475	0.0475	
PESTICIDES-F052	THAILAND	2	Pyridaben	1	0.0110	0.0110	0.0110	
PESTICIDES-F052	THAILAND	2	Tetradifon	2	0.0366	0.0147	0.0585	
PESTICIDES-F052	UNITED STATES	46	Pesticide Screen	34				
PESTICIDES-F052	UNITED STATES	46	2-phenylphenol (ortho-phenylphenol)	5	1.0768	0.0056	2.6200	
PESTICIDES-F052	UNITED STATES	46	Carbaryl	1	0.0026	0.0026	0.0026	
PESTICIDES-F052	UNITED STATES	46	Chlorpyrifos	7	0.0363	0.0012	0.1000	
PESTICIDES-F052	UNITED STATES	46	Diphenylamine	2	0.0012	0.0008	0.0015	
PESTICIDES-F052	UNITED STATES	46	Fenpropathrin	1	0.0271	0.0271	0.0271	
PESTICIDES-F052	UNITED STATES	46	Imazalil	32	1.3207	0.0110	3.5500	
PESTICIDES-F052	UNITED STATES	46	Malathion	1	0.1112	0.1112	0.1112	1
PESTICIDES-F052	UNITED STATES	46	Methiocarb	1	0.0036	0.0036	0.0036	
PESTICIDES-F052	URUGUAY	3	Pesticide Screen	3				
PESTICIDES-F052	URUGUAY	3	2-phenylphenol (ortho-phenylphenol)	3	0.4050	0.2084	0.5451	
PESTICIDES-F052	URUGUAY	3	Imazalil	3	2.2287	1.1470	3.7590	
PESTICIDES-F052	URUGUAY	3	Prochloraz	1	0.1560	0.1560	0.1560	1
PESTICIDES-F052	URUGUAY	3	Tebuconazole	1	0.0230	0.0230	0.0230	
PESTICIDES-F052	ZIMBABWE	1	Pesticide Screen	1				
PESTICIDES-F052	ZIMBABWE	1	Bromopropylate	1	0.0088	0.0088	0.0088	
PESTICIDES-F052	ZIMBABWE	1	Imazalil	1	0.8704	0.8704	0.8704	
THIABENDAZOLE	AUSTRALIA	2	Thiabendazole	2	0.2433	0.1180	0.3686	
THIABENDAZOLE	BRAZIL	2	Thiabendazole	2	0.8386	0.1971	1.4800	
THIABENDAZOLE	CHILE	5	Thiabendazole	2	0.5985	0.1280	1.0690	
THIABENDAZOLE	CHINA	12	Thiabendazole	1	0.0340	0.0340	0.0340	
THIABENDAZOLE	CYPRUS	1	Thiabendazole	1	0.7660	0.7660	0.7660	

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE	EGYPT	1	Thiabendazole	1	0.5440	0.5440	0.5440	
THIABENDAZOLE	ISRAEL	1	Thiabendazole	1	0.1500	0.1500	0.1500	
THIABENDAZOLE	ITALY	2	Thiabendazole					
THIABENDAZOLE	JAMAICA	2	Thiabendazole	1	0.0140	0.0140	0.0140	
THIABENDAZOLE	JAPAN	1	Thiabendazole					
THIABENDAZOLE	KOREA, REP	1	Thiabendazole					
THIABENDAZOLE	MOROCCO	23	Thiabendazole	10	0.1374	0.0050	0.7853	
THIABENDAZOLE	PERU	4	Thiabendazole	3	0.2810	0.1246	0.4333	
THIABENDAZOLE	SOUTH AFRICA	16	Thiabendazole	11	0.3846	0.0070	1.0240	
THIABENDAZOLE	SPAIN	7	Thiabendazole	6	0.8413	0.0280	1.9600	
THIABENDAZOLE	TAIWAN	3	Thiabendazole					
THIABENDAZOLE	UNITED STATES	28	Thiabendazole	20	0.6445	0.0190	2.9200	
THIABENDAZOLE	URUGUAY	1	Thiabendazole					
THIABENDAZOLE	ZIMBABWE	1	Thiabendazole	1	0.4091	0.4091	0.4091	

PAPAYA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	BELIZE	1	Abamectin					
ALAR	BELIZE	1	Daminozide					
ALAR	BRAZIL	3	Daminozide					
ALAR	GUATEMALA	1	Daminozide					
ALAR	MEXICO	1	Daminozide					
AMITRAZ	BRAZIL	5	Amitraz					
AMITRAZ	DOMINICAN REPUBLIC	1	Amitraz					
AMITRAZ	GUATEMALA	1	Amitraz					
AMITRAZ	MEXICO	1	Amitraz					
BENOMYL	BELIZE	2	Benomyl					
BENOMYL	BRAZIL	10	Benomyl					
BENOMYL	COLOMBIA	1	Benomyl					
BENOMYL	COSTA RICA	1	Benomyl					
BENOMYL	DOMINICAN REPUBLIC	2	Benomyl	2	0.1257	0.0170	0.2343	1
BENOMYL	ECUADOR	2	Benomyl	1	0.0103	0.0103	0.0103	
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	MEXICO	3	Benomyl	1	0.0291	0.0291	0.0291	
BENOMYL	PANAMA	1	Benomyl					
BENOMYL	UNITED STATES	4	Benomyl					
EBDC(DC)	BELIZE	2	Dithiocarbamate	1	0.3100	0.3100	0.3100	
EBDC(DC)	BRAZIL	11	Dithiocarbamate	4	0.5400	0.4500	0.6100	
EBDC(DC)	COLOMBIA	1	Dithiocarbamate					
EBDC(DC)	COSTA RICA	1	Dithiocarbamate					
EBDC(DC)	DOMINICAN REPUBLIC	2	Dithiocarbamate	1	0.1200	0.1200	0.1200	
EBDC(DC)	ECUADOR	2	Dithiocarbamate	1	1.0100	1.0100	1.0100	
EBDC(DC)	GUATEMALA	1	Dithiocarbamate	1	0.8900	0.8900	0.8900	

PAPAYA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	MEXICO	3	Dithiocarbamate	2	0.7250	0.6900	0.7600	
EBDC(DC)	PANAMA	1	Dithiocarbamate	1	0.1900	0.1900	0.1900	
EBDC(DC)	UNITED STATES	3	Dithiocarbamate	3	4.3400	0.8200	8.7600	
EBDC(EBDC)	BELIZE	2	Ethylene Diamine	2	0.3515	0.1250	0.5780	1
EBDC(EBDC)	BRAZIL	11	Ethylene Diamine	3	0.3403	0.2930	0.4290	1
EBDC(EBDC)	COLOMBIA	1	Ethylene Diamine					
EBDC(EBDC)	COSTA RICA	1	Ethylene Diamine					
EBDC(EBDC)	DOMINICAN REPUBLIC	2	Ethylene Diamine					
EBDC(EBDC)	ECUADOR	2	Ethylene Diamine	2	0.3995	0.3320	0.4670	1
EBDC(EBDC)	GUATEMALA	1	Ethylene Diamine	1	0.3330	0.3330	0.3330	1
EBDC(EBDC)	MEXICO	3	Ethylene Diamine	2	0.2665	0.0800	0.4530	1
EBDC(EBDC)	PANAMA	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine	4	0.5648	0.2350	0.7570	3
EBDC(ETU)	BELIZE	2	Ethylene Thiourea	1	0.0280	0.0280	0.0280	
EBDC(ETU)	BRAZIL	8	Ethylene Thiourea					
EBDC(ETU)	COSTA RICA	1	Ethylene Thiourea					
EBDC(ETU)	DOMINICAN REPUBLIC	2	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	2	Ethylene Thiourea					
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea	3	0.0320	0.0290	0.0340	
EBDC(ETU)	PANAMA	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea	2	0.0270	0.0250	0.0290	
FORMETANATE	BELIZE	2	Formetanate					
FORMETANATE	BRAZIL	4	Formetanate					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
FORMETANATE	ECUADOR	1	Formetanate					
FORMETANATE	GUATEMALA	1	Formetanate					
FORMETANATE	MEXICO	2	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	BELIZE	5	Pesticide Screen	2				
PESTICIDES-F052	BELIZE	5	Azoxystrobin	2	0.0148	0.0036	0.0260	
PESTICIDES-F052	BRAZIL	16	Pesticide Screen	3				
PESTICIDES-F052	BRAZIL	16	Prochloraz	3	0.0862	0.0685	0.0970	
PESTICIDES-F052	COLOMBIA	1	Pesticide Screen					
PESTICIDES-F052	COSTA RICA	2	Pesticide Screen					
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Malathion	1	0.0024	0.0024	0.0024	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Prochloraz	1	0.0544	0.0544	0.0544	
PESTICIDES-F052	ECUADOR	2	Pesticide Screen					
PESTICIDES-F052	GUATEMALA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	5	Pesticide Screen	3				
PESTICIDES-F052	MEXICO	5	Azoxystrobin	3	0.0154	0.0050	0.0240	
PESTICIDES-F052	MEXICO	5	Captan	1	0.0160	0.0160	0.0160	
PESTICIDES-F052	MEXICO	5	Chlorothalonil	1	0.0770	0.0770	0.0770	
PESTICIDES-F052	MEXICO	5	Iprodione	1	0.0083	0.0083	0.0083	
PESTICIDES-F052	PANAMA	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen					
THIABENDAZOLE	BELIZE	3	Thiabendazole	2	0.0275	0.0200	0.0350	

PAPAYA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE	BRAZIL	7	Thiabendazole	1	1.2200	1.2200	1.2200	1
THIABENDAZOLE	COLOMBIA	1	Thiabendazole					
THIABENDAZOLE	COSTA RICA	1	Thiabendazole	1	0.1650	0.1650	0.1650	1
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole	1	0.0133	0.0133	0.0133	
THIABENDAZOLE	GUATEMALA	1	Thiabendazole	1	0.0310	0.0310	0.0310	
THIABENDAZOLE	MEXICO	2	Thiabendazole	1	0.0198	0.0198	0.0198	
THIABENDAZOLE	UNITED STATES	2	Thiabendazole	1	0.0079	0.0079	0.0079	

PASSIONFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COLOMBIA	3	Benomyl	1	0.0121	0.0121	0.0121	
BENOMYL	KENYA	1	Benomyl					
EBDC(DC)	COLOMBIA	3	Dithiocarbamate	1	0.1800	0.1800	0.1800	1
EBDC(DC)	KENYA	1	Dithiocarbamate					
EBDC(EBDC)	COLOMBIA	3	Ethylene Diamine					
EBDC(EBDC)	KENYA	1	Ethylene Diamine					
EBDC(ETU)	COLOMBIA	3	Ethylene Thiourea					
EBDC(ETU)	KENYA	1	Ethylene Thiourea					
FORMETANATE	COLOMBIA	2	Formetanate					
PESTICIDES-F052	COLOMBIA	5	Pesticide Screen					
PESTICIDES-F052	KENYA	1	Pesticide Screen					

PEA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHINA	2	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHINA	2	Amitraz					
AMITRAZ	GUATEMALA	2	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	CHINA	22	Benomyl	14	0.4081	0.0590	1.2000	12
BENOMYL	GUATEMALA	12	Benomyl	1	1.5400	1.5400	1.5400	1
BENOMYL	MEXICO	3	Benomyl					
BENOMYL	PERU	1	Benomyl	1	0.0142	0.0142	0.0142	
BENOMYL	UNITED STATES	4	Benomyl	1	0.0370	0.0370	0.0370	
EBDC(DC)	CHINA	25	Dithiocarbamate	8	1.8350	0.1400	3.6700	
EBDC(DC)	GUATEMALA	12	Dithiocarbamate	5	3.3160	0.5000	6.9400	
EBDC(DC)	MEXICO	3	Dithiocarbamate					
EBDC(DC)	PERU	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	4	Dithiocarbamate					

PEA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	CHINA	25	Ethylene Diamine	20	1.4100	0.3330	4.7680	
EBDC(EBDC)	GUATEMALA	15	Ethylene Diamine	12	2.0518	0.2400	4.7820	3
EBDC(EBDC)	MEXICO	3	Ethylene Diamine	2	0.4010	0.3070	0.4950	
EBDC(EBDC)	PERU	1	Ethylene Diamine	1	0.2930	0.2930	0.2930	
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine	1	0.1900	0.1900	0.1900	
EBDC(ETU)	CHINA	21	Ethylene Thiourea	1	0.0110	0.0110	0.0110	
EBDC(ETU)	GUATEMALA	10	Ethylene Thiourea	3	0.0307	0.0210	0.0450	
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
EBDC(ETU)	PERU	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	3	Ethylene Thiourea					
FORMETANATE	CHINA	5	Formetanate					
FORMETANATE	GUATEMALA	2	Formetanate					
FORMETANATE	PERU	1	Formetanate					
PESTICIDES-F052	CHINA	34	Pesticide Screen	13				
PESTICIDES-F052	CHINA	34	Chlorothalonil	2	0.1795	0.1330	0.2260	2
PESTICIDES-F052	CHINA	34	Chlorpyrifos	1	0.0073	0.0073	0.0073	
PESTICIDES-F052	CHINA	34	Flusilazole	1	0.0099	0.0099	0.0099	
PESTICIDES-F052	CHINA	34	Iprodione	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	CHINA	34	Metalaxyl	1	0.0076	0.0076	0.0076	
PESTICIDES-F052	CHINA	34	Methamidophos	1	0.0830	0.0830	0.0830	
PESTICIDES-F052	CHINA	34	Myclobutanil	4	0.0052	0.0035	0.0081	
PESTICIDES-F052	CHINA	34	Omethoate	1	0.0750	0.0750	0.0750	
PESTICIDES-F052	CHINA	34	Procymidone	2	0.0182	0.0163	0.0202	
PESTICIDES-F052	CHINA	34	Propiconazole	4	0.0410	0.0027	0.0960	
PESTICIDES-F052	CHINA	34	Tebuconazole	2	0.0570	0.0147	0.0992	
PESTICIDES-F052	CHINA	34	Triadimenol	6	0.0334	0.0054	0.0610	
PESTICIDES-F052	GHANA	1	Pesticide Screen	1				
PESTICIDES-F052	GHANA	1	Permethrin	1	0.0340	0.0340	0.0340	
PESTICIDES-F052	GUATEMALA	15	Pesticide Screen	9				
PESTICIDES-F052	GUATEMALA	15	Azoxystrobin	3	0.0982	0.0136	0.2359	
PESTICIDES-F052	GUATEMALA	15	Captan	2	0.2395	0.0980	0.3810	1
PESTICIDES-F052	GUATEMALA	15	Chlorothalonil	1	0.3405	0.3405	0.3405	1
PESTICIDES-F052	GUATEMALA	15	Cyhalothrin-lambda	1	0.0086	0.0086	0.0086	
PESTICIDES-F052	GUATEMALA	15	Dimethoate	3	0.1650	0.0290	0.3895	
PESTICIDES-F052	GUATEMALA	15	Endosulfan Total	2	0.0287	0.0210	0.0364	
PESTICIDES-F052	GUATEMALA	15	Iprodione	1	0.0272	0.0272	0.0272	
PESTICIDES-F052	GUATEMALA	15	Methamidophos	1	0.2704	0.2704	0.2704	1
PESTICIDES-F052	GUATEMALA	15	Omethoate	1	0.0099	0.0099	0.0099	
PESTICIDES-F052	GUATEMALA	15	Permethrin	2	0.0424	0.0158	0.0690	
PESTICIDES-F052	GUATEMALA	15	Tebuconazole	1	0.2843	0.2843	0.2843	1
PESTICIDES-F052	GUATEMALA	15	Triadimenol	4	0.0936	0.0492	0.1560	1
PESTICIDES-F052	MEXICO	2	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	2	2-phenylphenol (ortho-phenylphenol)	1	0.0047	0.0047	0.0047	
PESTICIDES-F052	PERU	1	Pesticide Screen	1				
PESTICIDES-F052	PERU	1	Captan	1	0.1300	0.1300	0.1300	1
PESTICIDES-F052	PERU	1	Prochloraz	1	2.9980	2.9980	2.9980	1
PESTICIDES-F052	UNITED STATES	6	Pesticide Screen	4				
PESTICIDES-F052	UNITED STATES	6	Cypermethrin	1	0.0280	0.0280	0.0280	

PEA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	6	Dacthal (chlorthal-dimethyl)	1	0.0008	0.0008	0.0008	
PESTICIDES-F052	UNITED STATES	6	Dimethoate	1	0.0277	0.0277	0.0277	
PESTICIDES-F052	UNITED STATES	6	Endosulfan Total	1	0.0160	0.0160	0.0160	
PESTICIDES-F052	UNITED STATES	6	Esfenvalerate	1	0.0157	0.0157	0.0157	
PESTICIDES-F052	UNITED STATES	6	Fenvalerate	1	0.0360	0.0360	0.0360	
THIABENDAZOLE	CHINA	13	Thiabendazole					
THIABENDAZOLE	GHANA	1	Thiabendazole					
THIABENDAZOLE	GUATEMALA	6	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

PEACH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHILE	10	Daminozide					
ALAR	MEXICO	1	Daminozide					
AMITRAZ	CHILE	13	Amitraz					
AMITRAZ	MEXICO	1	Amitraz					
BENOMYL	CHILE	12	Benomyl	1	1.0600	1.0600	1.0600	
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	UNITED STATES	7	Benomyl					
EBDC(DC)	CHILE	18	Dithiocarbamate					
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	7	Dithiocarbamate	1	0.0380	0.0380	0.0380	
EBDC(EBDC)	CHILE	22	Ethylene Diamine					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	7	Ethylene Diamine					
EBDC(ETU)	CHILE	10	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	7	Ethylene Thiourea					
FORMETANATE	CHILE	14	Formetanate	1	0.2840	0.2840	0.2840	
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	CHILE	17	Pesticide Screen	13				
PESTICIDES-F052	CHILE	17	Azinphos-methyl	2	0.4820	0.0310	0.9330	
PESTICIDES-F052	CHILE	17	Cyhalothrin-lambda	1	0.0106	0.0106	0.0106	
PESTICIDES-F052	CHILE	17	Cyprodinil	1	0.2133	0.2133	0.2133	
PESTICIDES-F052	CHILE	17	Dichloran	1	5.3800	5.3800	5.3800	
PESTICIDES-F052	CHILE	17	Iprodione	13	2.7605	0.2840	8.1600	
PESTICIDES-F052	CHILE	17	Propiconazole	3	0.0207	0.0170	0.0250	
PESTICIDES-F052	CHILE	17	Tebuconazole	1	0.1240	0.1240	0.1240	
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	14	Pesticide Screen	11				
PESTICIDES-F052	UNITED STATES	14	2-phenylphenol (ortho-phenylphenol)	1	0.0185	0.0185	0.0185	

PEACH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	14	Azoxystrobin	1	0.0134	0.0134	0.0134	
PESTICIDES-F052	UNITED STATES	14	Dichloran	2	0.3841	0.0046	0.7636	
PESTICIDES-F052	UNITED STATES	14	Fludioxonil	10	0.6359	0.0241	1.8890	
PESTICIDES-F052	UNITED STATES	14	Methomyl	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	UNITED STATES	14	Oxamyl	1	0.0034	0.0034	0.0034	
PESTICIDES-F052	UNITED STATES	14	Propiconazole	2	0.4545	0.0140	0.8950	
THIABENDAZOLE	CHILE	13	Thiabendazole	2	0.0120	0.0090	0.0150	
THIABENDAZOLE	UNITED STATES	5	Thiabendazole					

PEAR, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	UNITED STATES	5	Abamectin	1	0.0040	0.0040	0.0040	
ALAR	ARGENTINA	13	Daminozide					
ALAR	CHILE	6	Daminozide					
ALAR	CHINA	3	Daminozide					
ALAR	ITALY	2	Daminozide					
ALAR	NEW ZEALAND	2	Daminozide					
ALAR	SOUTH AFRICA	5	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	ARGENTINA	14	Amitraz					
AMITRAZ	CHILE	6	Amitraz					
AMITRAZ	CHINA	2	Amitraz					
AMITRAZ	ITALY	1	Amitraz					
AMITRAZ	KOREA, REP	2	Amitraz					
AMITRAZ	NEW ZEALAND	2	Amitraz					
AMITRAZ	SOUTH AFRICA	6	Amitraz					
AMITRAZ	UNITED STATES	8	Amitraz					
BENOMYL	ARGENTINA	17	Benomyl	2	0.1359	0.0107	0.2610	
BENOMYL	CHILE	7	Benomyl					
BENOMYL	CHINA	6	Benomyl					
BENOMYL	ITALY	6	Benomyl					
BENOMYL	KOREA, REP	1	Benomyl	1	0.0162	0.0162	0.0162	
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	NEW ZEALAND	2	Benomyl					
BENOMYL	PORTUGAL	2	Benomyl					
BENOMYL	SOUTH AFRICA	6	Benomyl					
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	UNITED STATES	14	Benomyl	5	0.0344	0.0107	0.0605	
EBDC(DC)	ARGENTINA	20	Dithiocarbamate	1	0.6600	0.6600	0.6600	
EBDC(DC)	CHILE	9	Dithiocarbamate					
EBDC(DC)	CHINA	6	Dithiocarbamate					
EBDC(DC)	ITALY	6	Dithiocarbamate	5	0.4246	0.0930	1.1400	
EBDC(DC)	KOREA, REP	1	Dithiocarbamate					

PEAR, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(DC)	NEW ZEALAND	2	Dithiocarbamate					
EBDC(DC)	PORTUGAL	2	Dithiocarbamate					
EBDC(DC)	SOUTH AFRICA	6	Dithiocarbamate					
EBDC(DC)	SPAIN	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	15	Dithiocarbamate	3	0.9567	0.4000	1.9600	
EBDC(EBDC)	ARGENTINA	20	Ethylene Diamine	1	0.5310	0.5310	0.5310	
EBDC(EBDC)	CHILE	9	Ethylene Diamine	2	0.2175	0.1500	0.2850	
EBDC(EBDC)	CHINA	7	Ethylene Diamine	1	0.3300	0.3300	0.3300	
EBDC(EBDC)	ITALY	6	Ethylene Diamine					
EBDC(EBDC)	KOREA, REP	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					
EBDC(EBDC)	NEW ZEALAND	2	Ethylene Diamine	1	0.3980	0.3980	0.3980	
EBDC(EBDC)	PORTUGAL	2	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	6	Ethylene Diamine	2	0.2965	0.2660	0.3270	
EBDC(EBDC)	SPAIN	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	15	Ethylene Diamine	3	0.1960	0.1390	0.2400	
EBDC(ETU)	ARGENTINA	15	Ethylene Thiourea					
EBDC(ETU)	CHILE	8	Ethylene Thiourea					
EBDC(ETU)	CHINA	5	Ethylene Thiourea					
EBDC(ETU)	ITALY	5	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	NEW ZEALAND	1	Ethylene Thiourea					
EBDC(ETU)	PORTUGAL	2	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	6	Ethylene Thiourea					
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	13	Ethylene Thiourea					
FORMETANATE	ARGENTINA	13	Formetanate					
FORMETANATE	CHILE	5	Formetanate					
FORMETANATE	CHINA	4	Formetanate					
FORMETANATE	COLOMBIA	1	Formetanate					
FORMETANATE	ITALY	2	Formetanate					
FORMETANATE	KOREA, REP	1	Formetanate					
FORMETANATE	NEW ZEALAND	2	Formetanate					
FORMETANATE	SOUTH AFRICA	5	Formetanate					
FORMETANATE	UNITED STATES	7	Formetanate					
PESTICIDES-F052	ARGENTINA	20	Pesticide Screen	13				
PESTICIDES-F052	ARGENTINA	20	2-phenylphenol (ortho-phenylphenol)	1	0.0297	0.0297	0.0297	
PESTICIDES-F052	ARGENTINA	20	Azinphos-methyl	4	0.0971	0.0170	0.2694	
PESTICIDES-F052	ARGENTINA	20	Bifenthrin	2	0.0257	0.0103	0.0410	
PESTICIDES-F052	ARGENTINA	20	Buprofezin	1	0.1861	0.1861	0.1861	1
PESTICIDES-F052	ARGENTINA	20	Captan	6	0.3593	0.0670	0.7830	
PESTICIDES-F052	ARGENTINA	20	Chlorpyrifos	1	0.0100	0.0100	0.0100	
PESTICIDES-F052	ARGENTINA	20	Cyhalothrin-lambda	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	ARGENTINA	20	Diphenylamine	3	0.0985	0.0110	0.2224	1
PESTICIDES-F052	CHILE	9	Pesticide Screen	6				
PESTICIDES-F052	CHILE	9	Azinphos-methyl	3	0.0250	0.0090	0.0470	

PEAR, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	CHILE	9	Chlorpropham	1	0.0046	0.0046	0.0046	
PESTICIDES-F052	CHILE	9	Chlorpyrifos	2	0.0294	0.0037	0.0550	
PESTICIDES-F052	CHILE	9	Diazinon o analogue	1	0.0196	0.0196	0.0196	
PESTICIDES-F052	CHILE	9	Diphenylamine	3	0.0363	0.0066	0.0850	
PESTICIDES-F052	CHILE	9	Esfenvalerate	1	0.0056	0.0056	0.0056	
PESTICIDES-F052	CHILE	9	Iprodione	1	0.0130	0.0130	0.0130	
PESTICIDES-F052	CHILE	9	Tetrasul	1	0.0002	0.0002	0.0002	
PESTICIDES-F052	CHINA	9	Pesticide Screen	4				
PESTICIDES-F052	CHINA	9	Chlorpyrifos	4	0.0176	0.0050	0.0440	
PESTICIDES-F052	COLOMBIA	1	Pesticide Screen					
PESTICIDES-F052	ITALY	11	Pesticide Screen	11				
PESTICIDES-F052	ITALY	11	Azinphos-methyl	1	0.0118	0.0118	0.0118	
PESTICIDES-F052	ITALY	11	Bromopropylate	3	0.0137	0.0009	0.0370	
PESTICIDES-F052	ITALY	11	Captan	4	0.3129	0.0914	0.5660	
PESTICIDES-F052	ITALY	11	Chlorpyrifos	7	0.0127	0.0052	0.0360	
PESTICIDES-F052	ITALY	11	Chlorpyriphos-methyl	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	ITALY	11	Kresoxim-methyl	4	0.0153	0.0048	0.0230	
PESTICIDES-F052	ITALY	11	Phosmet	3	0.0207	0.0122	0.0306	
PESTICIDES-F052	ITALY	11	Procymidone	1	0.0660	0.0660	0.0660	
PESTICIDES-F052	ITALY	11	Trifloxystrobin	2	0.0168	0.0154	0.0181	
PESTICIDES-F052	KOREA, REP	2	Pesticide Screen	1				
PESTICIDES-F052	KOREA, REP	2	Chlorpyrifos	1	0.0035	0.0035	0.0035	
PESTICIDES-F052	MEXICO	1	Pesticide Screen					
PESTICIDES-F052	NEW ZEALAND	2	Pesticide Screen	1				
PESTICIDES-F052	NEW ZEALAND	2	Captan	1	0.3860	0.3860	0.3860	
PESTICIDES-F052	PORTUGAL	2	Pesticide Screen	2				
PESTICIDES-F052	PORTUGAL	2	Captan	1	0.0790	0.0790	0.0790	
PESTICIDES-F052	PORTUGAL	2	Chlorpyrifos	2	0.0929	0.0075	0.1782	1
PESTICIDES-F052	PORTUGAL	2	Diphenylamine	1	0.2129	0.2129	0.2129	1
PESTICIDES-F052	PORTUGAL	2	Flusilazole	2	0.0066	0.0016	0.0116	
PESTICIDES-F052	PORTUGAL	2	Imazalil	1	0.6304	0.6304	0.6304	1
PESTICIDES-F052	PORTUGAL	2	Penconazole	1	0.0044	0.0044	0.0044	
PESTICIDES-F052	PORTUGAL	2	Trifloxystrobin	1	0.0073	0.0073	0.0073	
PESTICIDES-F052	SOUTH AFRICA	11	Pesticide Screen	3				
PESTICIDES-F052	SOUTH AFRICA	11	Azinphos-methyl	2	0.0673	0.0163	0.1182	
PESTICIDES-F052	SOUTH AFRICA	11	Diphenylamine	2	0.0217	0.0103	0.0330	
PESTICIDES-F052	SOUTH AFRICA	11	Iprodione	1	0.0700	0.0700	0.0700	
PESTICIDES-F052	SPAIN	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	38	Pesticide Screen	25				
PESTICIDES-F052	UNITED STATES	38	2-phenylphenol (ortho-phenylphenol)	18	0.6432	0.0081	6.9390	
PESTICIDES-F052	UNITED STATES	38	Azinphos-methyl	4	0.2081	0.0209	0.6344	
PESTICIDES-F052	UNITED STATES	38	Buprofezin	7	0.0527	0.0022	0.2410	1
PESTICIDES-F052	UNITED STATES	38	Captan	2	1.1785	0.3540	2.0030	
PESTICIDES-F052	UNITED STATES	38	Cyprodinil	1	0.0059	0.0059	0.0059	
PESTICIDES-F052	UNITED STATES	38	Dichloran	2	0.0143	0.0026	0.0260	
PESTICIDES-F052	UNITED STATES	38	Diphenylamine	2	0.0079	0.0043	0.0114	
PESTICIDES-F052	UNITED STATES	38	Endosulfan Total	2	0.0986	0.0662	0.1310	
PESTICIDES-F052	UNITED STATES	38	Mirex	1	0.0270	0.0270	0.0270	

PEAR, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	38	Phosmet	4	0.1405	0.0288	0.2470	
THIABENDAZOLE	ARGENTINA	13	Thiabendazole	5	0.5251	0.2086	1.1600	
THIABENDAZOLE	CHILE	4	Thiabendazole	3	0.8415	0.3920	1.1500	
THIABENDAZOLE	CHINA	2	Thiabendazole					
THIABENDAZOLE	ITALY	6	Thiabendazole					
THIABENDAZOLE	NEW ZEALAND	2	Thiabendazole					
THIABENDAZOLE	PORTUGAL	2	Thiabendazole	1	0.0139	0.0139	0.0139	
THIABENDAZOLE	SOUTH AFRICA	7	Thiabendazole					
THIABENDAZOLE	SPAIN	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	14	Thiabendazole	11	0.5394	0.0207	1.5350	

PEAR, FRESH ASIAN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHINA	6	Daminozide					
AMITRAZ	CHINA	10	Amitraz					
BENOMYL	CHINA	14	Benomyl	2	0.0110	0.0089	0.0131	
EBDC(DC)	CHINA	17	Dithiocarbamate	1	0.1700	0.1700	0.1700	
EBDC(EBDC)	CHINA	17	Ethylene Diamine	3	0.4007	0.2010	0.6540	
EBDC(ETU)	CHINA	11	Ethylene Thiourea					
FORMETANATE	CHINA	10	Formetanate					
PESTICIDES-F052	CHINA	16	Pesticide Screen	3				
PESTICIDES-F052	CHINA	16	Chlorpyrifos	3	0.0120	0.0041	0.0260	
THIABENDAZOLE	CHINA	10	Thiabendazole					

PEPPER, FRESH HOT

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	DOMINICAN REPUBLIC	3	Benomyl	2	0.9450	0.5100	1.3800	2
BENOMYL	EGYPT	1	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl					
EBDC(DC)	DOMINICAN REPUBLIC	3	Dithiocarbamate	2	0.7100	0.2000	1.2200	
EBDC(DC)	EGYPT	1	Dithiocarbamate					
EBDC(DC)	MEXICO	1	Dithiocarbamate					
EBDC(DC)	SPAIN	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate					
EBDC(EBDC)	DOMINICAN REPUBLIC	5	Ethylene Diamine	2	1.2145	0.9200	1.5090	
EBDC(EBDC)	EGYPT	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	1	Ethylene Diamine					

PEPPER, FRESH HOT

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	SPAIN	1	Ethylene Diamine	1	0.1420	0.1420	0.1420	
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	DOMINICAN REPUBLIC	3	Ethylene Thiourea	1	0.1570	0.1570	0.1570	1
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	DOMINICAN REPUBLIC	5	Pesticide Screen	2				
PESTICIDES-F052	DOMINICAN REPUBLIC	5	Cypermethrin	1	0.0810	0.0810	0.0810	
PESTICIDES-F052	DOMINICAN REPUBLIC	5	Dicofol	1	0.5940	0.5940	0.5940	
PESTICIDES-F052	EGYPT	1	Pesticide Screen					
PESTICIDES-F052	JAMAICA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	1	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	1	Chlorpyrifos	1	0.0087	0.0087	0.0087	
PESTICIDES-F052	MEXICO	1	Methamidophos	1	0.1770	0.1770	0.1770	
PESTICIDES-F052	SPAIN	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	3	Chlorpyrifos	1	0.0440	0.0440	0.0440	
THIABENDAZOLE	DOMINICAN REPUBLIC	2	Thiabendazole					
THIABENDAZOLE	EGYPT	1	Thiabendazole					
THIABENDAZOLE	JAMAICA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	SPAIN	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

PEPPER, FRESH SWEET

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	ISRAEL	1	Daminozide					
ALAR	MEXICO	1	Daminozide					
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	ISRAEL	1	Amitraz					
AMITRAZ	KOREA, REP	1	Amitraz					
AMITRAZ	MEXICO	2	Amitraz					
BENOMYL	CUBA	1	Benomyl					
BENOMYL	DOMINICAN REPUBLIC	1	Benomyl					
BENOMYL	ISRAEL	6	Benomyl					
BENOMYL	KOREA, REP	1	Benomyl					
BENOMYL	MEXICO	10	Benomyl	2	0.0994	0.0690	0.1298	1
BENOMYL	NETHERLANDS	3	Benomyl					
BENOMYL	NICARAGUA	1	Benomyl					
BENOMYL	SPAIN	6	Benomyl					
BENOMYL	UNITED STATES	24	Benomyl	1	0.0159	0.0159	0.0159	

PEPPER, FRESH SWEET

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	CUBA	1	Dithiocarbamate	1	0.1400	0.1400	0.1400	
EBDC(DC)	DOMINICAN REPUBLIC	1	Dithiocarbamate	1	0.2000	0.2000	0.2000	
EBDC(DC)	ISRAEL	7	Dithiocarbamate					
EBDC(DC)	KOREA, REP	1	Dithiocarbamate					
EBDC(DC)	MEXICO	10	Dithiocarbamate	2	0.1500	0.1300	0.1700	
EBDC(DC)	NETHERLANDS	3	Dithiocarbamate					
EBDC(DC)	NICARAGUA	1	Dithiocarbamate					
EBDC(DC)	SPAIN	5	Dithiocarbamate					
EBDC(DC)	UNITED STATES	27	Dithiocarbamate	4	0.3650	0.1300	0.7900	
EBDC(EBDC)	CUBA	1	Ethylene Diamine					
EBDC(EBDC)	DOMINICAN REPUBLIC	1	Ethylene Diamine	1	0.2000	0.2000	0.2000	
EBDC(EBDC)	ISRAEL	8	Ethylene Diamine					
EBDC(EBDC)	KOREA, REP	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	11	Ethylene Diamine	2	0.2010	0.1650	0.2370	
EBDC(EBDC)	NETHERLANDS	3	Ethylene Diamine					
EBDC(EBDC)	NICARAGUA	1	Ethylene Diamine					
EBDC(EBDC)	SPAIN	10	Ethylene Diamine	1	0.9480	0.9480	0.9480	
EBDC(EBDC)	UNITED STATES	30	Ethylene Diamine	11	0.5595	0.2630	0.8190	
EBDC(ETU)	CUBA	1	Ethylene Thiourea	1	0.0280	0.0280	0.0280	
EBDC(ETU)	ISRAEL	5	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	8	Ethylene Thiourea					
EBDC(ETU)	NETHERLANDS	3	Ethylene Thiourea					
EBDC(ETU)	SPAIN	3	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	23	Ethylene Thiourea					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
FORMETANATE	EL SALVADOR	1	Formetanate					
FORMETANATE	ISRAEL	1	Formetanate					
FORMETANATE	SPAIN	2	Formetanate	1	0.1170	0.1170	0.1170	1
FORMETANATE	UNITED STATES	4	Formetanate					
PESTICIDES-F052	CUBA	1	Pesticide Screen	1				
PESTICIDES-F052	CUBA	1	Azoxystrobin	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	CUBA	1	Dicofol	1	0.0300	0.0300	0.0300	
PESTICIDES-F052	DOMINICAN REPUBLIC	2	Pesticide Screen					
PESTICIDES-F052	EL SALVADOR	1	Pesticide Screen	1				
PESTICIDES-F052	EL SALVADOR	1	Chlorpyrifos	1	0.0319	0.0319	0.0319	
PESTICIDES-F052	ISRAEL	7	Pesticide Screen					
PESTICIDES-F052	KOREA, REP	2	Pesticide Screen	1				
PESTICIDES-F052	KOREA, REP	2	Azoxystrobin	1	0.0288	0.0288	0.0288	
PESTICIDES-F052	MEXICO	9	Pesticide Screen	9				
PESTICIDES-F052	MEXICO	9	Bifenthrin	2	0.0118	0.0110	0.0126	
PESTICIDES-F052	MEXICO	9	Buprofezin	1	0.0089	0.0089	0.0089	
PESTICIDES-F052	MEXICO	9	Captan	1	0.0450	0.0450	0.0450	
PESTICIDES-F052	MEXICO	9	Carbaryl	3	0.3433	0.0220	0.9850	
PESTICIDES-F052	MEXICO	9	Chlorpyrifos	4	0.0785	0.0230	0.1310	
PESTICIDES-F052	MEXICO	9	Cyfluthrin (I,II,III,IV)	1	0.0610	0.0610	0.0610	
PESTICIDES-F052	MEXICO	9	Dimethoate	1	0.0250	0.0250	0.0250	
PESTICIDES-F052	MEXICO	9	Endosulfan Total	3	0.1244	0.0021	0.3260	

PEPPER, FRESH SWEET

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	MEXICO	9	Iprodione	1	0.0059	0.0059	0.0059	
PESTICIDES-F052	MEXICO	9	Myclobutanil	2	0.0067	0.0004	0.0130	
PESTICIDES-F052	MEXICO	9	o,p'-DDE	1	0.0007	0.0007	0.0007	
PESTICIDES-F052	MEXICO	9	Omethoate	1	0.0105	0.0105	0.0105	
PESTICIDES-F052	MEXICO	9	Permethrin	2	0.0545	0.0230	0.0860	
PESTICIDES-F052	MEXICO	9	Trifloxystrobin	1	0.0718	0.0718	0.0718	
PESTICIDES-F052	NETHERLANDS	7	Pesticide Screen					
PESTICIDES-F052	NICARAGUA	1	Pesticide Screen	1				
PESTICIDES-F052	NICARAGUA	1	Triadimenol	1	0.0380	0.0380	0.0380	
PESTICIDES-F052	SPAIN	11	Pesticide Screen	8				
PESTICIDES-F052	SPAIN	11	2-phenylphenol (ortho-phenylphenol)	1	0.0055	0.0055	0.0055	
PESTICIDES-F052	SPAIN	11	Azoxystrobin	1	0.0140	0.0140	0.0140	
PESTICIDES-F052	SPAIN	11	Bifenthrin	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	SPAIN	11	Chlorpropham	1	0.0040	0.0040	0.0040	
PESTICIDES-F052	SPAIN	11	Chlorpyriphos-methyl	3	0.1063	0.0790	0.1610	1
PESTICIDES-F052	SPAIN	11	Cypermethrin	2	0.0715	0.0650	0.0780	
PESTICIDES-F052	SPAIN	11	Cyprodinil	1	0.0022	0.0022	0.0022	
PESTICIDES-F052	SPAIN	11	Fludioxonil	1	0.0145	0.0145	0.0145	
PESTICIDES-F052	SPAIN	11	Metalaxyl	1	0.0040	0.0040	0.0040	
PESTICIDES-F052	SPAIN	11	Methamidophos	1	0.0680	0.0680	0.0680	
PESTICIDES-F052	SPAIN	11	Methiocarb	2	0.0360	0.0160	0.0560	
PESTICIDES-F052	SPAIN	11	Myclobutanil	1	0.0148	0.0148	0.0148	
PESTICIDES-F052	SPAIN	11	Procymidone	2	0.2020	0.1910	0.2130	2
PESTICIDES-F052	SPAIN	11	Triadimenol	1	0.0637	0.0637	0.0637	
PESTICIDES-F052	UNITED STATES	32	Pesticide Screen	7				
PESTICIDES-F052	UNITED STATES	32	2-phenylphenol (ortho-phenylphenol)	1	0.0457	0.0457	0.0457	
PESTICIDES-F052	UNITED STATES	32	Acephate	2	0.0780	0.0189	0.1370	
PESTICIDES-F052	UNITED STATES	32	Azoxystrobin	1	0.0038	0.0038	0.0038	
PESTICIDES-F052	UNITED STATES	32	Bifenthrin	2	0.0562	0.0283	0.0840	
PESTICIDES-F052	UNITED STATES	32	Endosulfan Total	1	0.1420	0.1420	0.1420	
PESTICIDES-F052	UNITED STATES	32	Metalaxyl	3	0.0165	0.0059	0.0335	
PESTICIDES-F052	UNITED STATES	32	Methamidophos	2	0.0262	0.0200	0.0323	
THIABENDAZOLE	CUBA	1	Thiabendazole					
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole					
THIABENDAZOLE	ISRAEL	4	Thiabendazole					
THIABENDAZOLE	MEXICO	3	Thiabendazole					
THIABENDAZOLE	NETHERLANDS	5	Thiabendazole					
THIABENDAZOLE	NICARAGUA	1	Thiabendazole					
THIABENDAZOLE	SPAIN	3	Thiabendazole	1	0.0064	0.0064	0.0064	
THIABENDAZOLE	UNITED STATES	16	Thiabendazole					

PERSIMMON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

PERSIMMON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHILE	1	Daminozide					
ALAR	ISRAEL	2	Daminozide					
AMITRAZ	ISRAEL	4	Amitraz					
BENOMYL	ISRAEL	4	Benomyl					
BENOMYL	KOREA, REP	2	Benomyl	1	0.0130	0.0130	0.0130	
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	ISRAEL	6	Dithiocarbamate					
EBDC(DC)	KOREA, REP	1	Dithiocarbamate	1	0.1400	0.1400	0.1400	1
EBDC(DC)	SPAIN	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	ISRAEL	6	Ethylene Diamine					
EBDC(EBDC)	KOREA, REP	1	Ethylene Diamine					
EBDC(EBDC)	SPAIN	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine					
EBDC(ETU)	ISRAEL	3	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	ISRAEL	3	Formetanate					
PESTICIDES-F052	CHILE	1	Pesticide Screen					
PESTICIDES-F052	ISRAEL	3	Pesticide Screen	1				
PESTICIDES-F052	ISRAEL	3	Buprofezin	1	0.0640	0.0640	0.0640	
PESTICIDES-F052	KOREA, REP	2	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	ISRAEL	2	Thiabendazole					
THIABENDAZOLE	KOREA, REP	2	Thiabendazole					
THIABENDAZOLE	SPAIN	1	Thiabendazole					

PHYSALIS, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	COLOMBIA	1	Amitraz					
BENOMYL	COLOMBIA	3	Benomyl					
EBDC(DC)	COLOMBIA	3	Dithiocarbamate					
EBDC(EBDC)	COLOMBIA	3	Ethylene Diamine	1	0.1780	0.1780	0.1780	
EBDC(ETU)	COLOMBIA	3	Ethylene Thiourea					
FORMETANATE	COLOMBIA	1	Formetanate					
PESTICIDES-F052	COLOMBIA	3	Pesticide Screen	1				
PESTICIDES-F052	COLOMBIA	3	Profenofos	1	0.0121	0.0121	0.0121	
THIABENDAZOLE	COLOMBIA	3	Thiabendazole					

PINEAPPLE, FRESH

PINEAPPLE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	COSTA RICA	1	Daminozide					
ALAR	MEXICO	1	Daminozide					
ALAR	SOUTH AFRICA	1	Daminozide					
AMITRAZ	COSTA RICA	1	Amitraz					
AMITRAZ	PANAMA	1	Amitraz					
AMITRAZ	UNITED STATES VIRGIN IS	1	Amitraz					
BENOMYL	COSTA RICA	13	Benomyl					
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	PANAMA	2	Benomyl					
BENOMYL	SOUTH AFRICA	1	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl					
BENOMYL	UNITED STATES VIRGIN IS	1	Benomyl					
EBDC(DC)	COSTA RICA	13	Dithiocarbamate	2	0.1950	0.1300	0.2600	2
EBDC(DC)	ECUADOR	1	Dithiocarbamate					
EBDC(DC)	GUATEMALA	2	Dithiocarbamate					
EBDC(DC)	MEXICO	3	Dithiocarbamate					
EBDC(DC)	PANAMA	2	Dithiocarbamate	1	0.1200	0.1200	0.1200	1
EBDC(DC)	SOUTH AFRICA	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate					
EBDC(DC)	UNITED STATES VIRGIN IS	1	Dithiocarbamate					
EBDC(EBDC)	COSTA RICA	14	Ethylene Diamine					
EBDC(EBDC)	ECUADOR	1	Ethylene Diamine					
EBDC(EBDC)	GUATEMALA	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	3	Ethylene Diamine					
EBDC(EBDC)	PANAMA	2	Ethylene Diamine					
EBDC(EBDC)	SOUTH AFRICA	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES VIRGIN IS	1	Ethylene Diamine					
EBDC(ETU)	COSTA RICA	11	Ethylene Thiourea					
EBDC(ETU)	GUATEMALA	2	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	PANAMA	2	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES VIRGIN IS	1	Ethylene Thiourea					
FORMETANATE	COSTA RICA	4	Formetanate					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES VIRGIN IS	1	Formetanate					
PESTICIDES-F052	CHINA	1	Pesticide Screen					
PESTICIDES-F052	COSTA RICA	22	Pesticide Screen	10				
PESTICIDES-F052	COSTA RICA	22	Carbaryl	1	0.0296	0.0296	0.0296	
PESTICIDES-F052	COSTA RICA	22	Piperonyl butoxide	2	0.0101	0.0031	0.0170	
PESTICIDES-F052	COSTA RICA	22	Triadimefon	1	0.0124	0.0124	0.0124	
PESTICIDES-F052	COSTA RICA	22	Triadimenol	9	0.0263	0.0053	0.1280	1
PESTICIDES-F052	ECUADOR	1	Pesticide Screen	1				
PESTICIDES-F052	ECUADOR	1	Triadimefon	1	0.0110	0.0110	0.0110	
PESTICIDES-F052	ECUADOR	1	Triadimenol	1	0.0340	0.0340	0.0340	

PINEAPPLE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	GUATEMALA	2	Pesticide Screen	1				
PESTICIDES-F052	GUATEMALA	2	Triadimenol	1	0.0380	0.0380	0.0380	
PESTICIDES-F052	MEXICO	3	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	3	2-phenylphenol (ortho-phenylphenol)	1	0.0079	0.0079	0.0079	
PESTICIDES-F052	PANAMA	3	Pesticide Screen	2				
PESTICIDES-F052	PANAMA	3	Triadimenol	2	0.0232	0.0033	0.0430	
PESTICIDES-F052	SOUTH AFRICA	4	Pesticide Screen	1				
PESTICIDES-F052	SOUTH AFRICA	4	Imazalil	1	0.0087	0.0087	0.0087	
PESTICIDES-F052	UNITED STATES	2	Pesticide Screen					
PESTICIDES-F052	UNITED STATES VIRGIN IS	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	COSTA RICA	7	Thiabendazole					
THIABENDAZOLE	ECUADOR	1	Thiabendazole					
THIABENDAZOLE	GUATEMALA	2	Thiabendazole					
THIABENDAZOLE	MEXICO	2	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	3	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES VIRGIN IS	1	Thiabendazole					

PITAHAYA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	COLOMBIA	1	Formetanate					

PLANTAIN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ECUADOR	3	Benomyl					
EBDC(DC)	ECUADOR	3	Dithiocarbamate					
EBDC(EBDC)	ECUADOR	3	Ethylene Diamine					
EBDC(ETU)	ECUADOR	3	Ethylene Thiourea					
PESTICIDES-F052	ECUADOR	3	Pesticide Screen	2				
PESTICIDES-F052	ECUADOR	3	Imazalil	2	0.0111	0.0072	0.0150	
THIABENDAZOLE	ECUADOR	2	Thiabendazole	2	0.0397	0.0253	0.0541	

PLUM, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

PLUM, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	ARGENTINA	1	Daminozide					
ALAR	CHILE	13	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	ARGENTINA	1	Amitraz					
AMITRAZ	CHILE	16	Amitraz					
AMITRAZ	ITALY	1	Amitraz					
AMITRAZ	UNITED STATES	2	Amitraz					
BENOMYL	ARGENTINA	1	Benomyl					
BENOMYL	CHILE	15	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	UNITED STATES	4	Benomyl					
EBDC(DC)	ARGENTINA	1	Dithiocarbamate					
EBDC(DC)	CHILE	21	Dithiocarbamate	1	0.1300	0.1300	0.1300	
EBDC(DC)	ITALY	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	4	Dithiocarbamate					
EBDC(EBDC)	ARGENTINA	1	Ethylene Diamine					
EBDC(EBDC)	CHILE	22	Ethylene Diamine					
EBDC(EBDC)	ITALY	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	4	Ethylene Diamine					
EBDC(ETU)	ARGENTINA	1	Ethylene Thiourea					
EBDC(ETU)	CHILE	16	Ethylene Thiourea					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	4	Ethylene Thiourea					
FORMETANATE	ARGENTINA	1	Formetanate					
FORMETANATE	CHILE	17	Formetanate					
FORMETANATE	UNITED STATES	2	Formetanate					
PESTICIDES-F052	ARGENTINA	1	Pesticide Screen					
PESTICIDES-F052	CHILE	18	Pesticide Screen	15				
PESTICIDES-F052	CHILE	18	Chlorpyrifos	3	0.0162	0.0140	0.0175	
PESTICIDES-F052	CHILE	18	Cyprodinil	1	0.0025	0.0025	0.0025	
PESTICIDES-F052	CHILE	18	Dichloran	1	0.0650	0.0650	0.0650	
PESTICIDES-F052	CHILE	18	Iprodione	14	1.4128	0.0964	4.6700	3
PESTICIDES-F052	CHILE	18	Phosmet	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	ITALY	1	Pesticide Screen	1				
PESTICIDES-F052	ITALY	1	Tebuconazole	1	0.0203	0.0203	0.0203	
PESTICIDES-F052	UNITED STATES	4	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	4	Fludioxonil	2	0.2342	0.0034	0.4649	
THIABENDAZOLE	ARGENTINA	1	Thiabendazole					
THIABENDAZOLE	CHILE	15	Thiabendazole					
THIABENDAZOLE	UNITED STATES	2	Thiabendazole					

POMEGRANATE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

POMEGRANATE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	INDIA	1	Daminozide					
AMITRAZ	INDIA	1	Amitraz					
AMITRAZ	SPAIN	1	Amitraz	1	0.0556	0.0556	0.0556	
BENOMYL	INDIA	3	Benomyl	2	0.1975	0.0200	0.3750	1
BENOMYL	SPAIN	1	Benomyl					
EBDC(DC)	INDIA	3	Dithiocarbamate	1	0.7800	0.7800	0.7800	
EBDC(EBDC)	INDIA	3	Ethylene Diamine	2	0.5565	0.2680	0.8450	1
EBDC(ETU)	INDIA	1	Ethylene Thiourea					
FORMETANATE	INDIA	1	Formetanate					
PESTICIDES-F052	INDIA	3	Pesticide Screen					
PESTICIDES-F052	SPAIN	2	Pesticide Screen					
THIABENDAZOLE	SPAIN	1	Thiabendazole					

POMELO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHINA	1	Daminozide					
ALAR	THAILAND	1	Daminozide					
AMITRAZ	THAILAND	1	Amitraz					
BENOMYL	CHINA	2	Benomyl	2	0.0141	0.0102	0.0179	
BENOMYL	THAILAND	1	Benomyl					
EBDC(DC)	CHINA	3	Dithiocarbamate					
EBDC(DC)	THAILAND	2	Dithiocarbamate	1	0.5100	0.5100	0.5100	1
EBDC(EBDC)	CHINA	3	Ethylene Diamine					
EBDC(EBDC)	THAILAND	2	Ethylene Diamine					
EBDC(ETU)	CHINA	3	Ethylene Thiourea					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
FORMETANATE	THAILAND	2	Formetanate					
PESTICIDES-F052	CHINA	7	Pesticide Screen	1				
PESTICIDES-F052	CHINA	7	Dicofol	1	0.2394	0.2394	0.2394	
PESTICIDES-F052	CHINA	7	Prochloraz	1	0.0346	0.0346	0.0346	
PESTICIDES-F052	THAILAND	4	Pesticide Screen					
THIABENDAZOLE	CHINA	2	Thiabendazole					
THIABENDAZOLE	THAILAND	1	Thiabendazole	1	0.0088	0.0088	0.0088	

POTATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	5	Daminozide					
AMITRAZ	UNITED STATES	3	Amitraz					

POTATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	SOUTH AFRICA	1	Benomyl					
BENOMYL	UNITED STATES	43	Benomyl					
EBDC(DC)	SOUTH AFRICA	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	55	Dithiocarbamate	3	0.2867	0.1700	0.4000	2
EBDC(EBDC)	SOUTH AFRICA	1	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	58	Ethylene Diamine	8	0.1459	0.0800	0.1930	1
EBDC(ETU)	SOUTH AFRICA	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	42	Ethylene Thiourea					
FORMETANATE	UNITED STATES	8	Formetanate					
PESTICIDES-F052	SOUTH AFRICA	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	85	Pesticide Screen	65				
PESTICIDES-F052	UNITED STATES	85	2-phenylphenol (ortho-phenylphenol)	2	0.0049	0.0041	0.0057	
PESTICIDES-F052	UNITED STATES	85	Aldicarb Sulfone	1	0.0278	0.0278	0.0278	
PESTICIDES-F052	UNITED STATES	85	Aldicarb sulfoxide	3	0.0822	0.0416	0.1170	
PESTICIDES-F052	UNITED STATES	85	Azoxystrobin	3	0.0789	0.0014	0.2190	1
PESTICIDES-F052	UNITED STATES	85	Chlordane	1	0.0026	0.0026	0.0026	
PESTICIDES-F052	UNITED STATES	85	Chlorpropham	53	1.9491	0.0018	10.4000	
PESTICIDES-F052	UNITED STATES	85	Dichloran	1	0.2176	0.2176	0.2176	1
PESTICIDES-F052	UNITED STATES	85	Diclofenthion	1	0.0002	0.0002	0.0002	
PESTICIDES-F052	UNITED STATES	85	Dieldrin	1	0.0028	0.0028	0.0028	
PESTICIDES-F052	UNITED STATES	85	Endosulfan Total	5	0.0036	0.0018	0.0047	
PESTICIDES-F052	UNITED STATES	85	Fludioxonil	2	0.0054	0.0038	0.0069	
PESTICIDES-F052	UNITED STATES	85	Metalaxyl	3	0.0018	0.0004	0.0028	
PESTICIDES-F052	UNITED STATES	85	Methyl Pentachlorophenyl sulphide	2	0.0069	0.0052	0.0086	
PESTICIDES-F052	UNITED STATES	85	p,p'-DDE	8	0.0019	0.0004	0.0041	
PESTICIDES-F052	UNITED STATES	85	Pentachloroaniline	3	0.0054	0.0033	0.0096	
PESTICIDES-F052	UNITED STATES	85	Phorate sulfone	1	0.1530	0.1530	0.1530	1
PESTICIDES-F052	UNITED STATES	85	Quintozene	4	0.0167	0.0065	0.0380	
PESTICIDES-F052	UNITED STATES	85	Tecnazene	1	0.0022	0.0022	0.0022	
PESTICIDES-F052	UNITED STATES	85	Trifluralin	2	0.0018	0.0003	0.0032	
THIABENDAZOLE	SOUTH AFRICA	1	Thiabendazole	1	0.0160	0.0160	0.0160	
THIABENDAZOLE	UNITED STATES	37	Thiabendazole	2	0.0248	0.0119	0.0376	

PUMPKIN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	JAMAICA	1	Dithiocarbamate					
EBDC(EBDC)	JAMAICA	1	Ethylene Diamine					
FORMETANATE	JAMAICA	1	Formetanate					
PESTICIDES-F052	JAMAICA	2	Pesticide Screen	1				
PESTICIDES-F052	JAMAICA	2	Azoxystrobin	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	JAMAICA	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

RADISH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	MEXICO	6	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	GUATEMALA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	7	Dithiocarbamate	5	1.1720	0.1900	3.1600	
EBDC(DC)	UNITED STATES	1	Dithiocarbamate	1	1.5000	1.5000	1.5000	
EBDC(EBDC)	GUATEMALA	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	7	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine					
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	MEXICO	3	Formetanate					
PESTICIDES-F052	GUATEMALA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	10	Pesticide Screen	4				
PESTICIDES-F052	MEXICO	10	Azoxystrobin	1	0.0903	0.0903	0.0903	
PESTICIDES-F052	MEXICO	10	Chlorpyrifos	1	0.0029	0.0029	0.0029	
PESTICIDES-F052	MEXICO	10	Cyfluthrin (I,II,III,IV)	1	0.0164	0.0164	0.0164	
PESTICIDES-F052	MEXICO	10	Dacthal (chlorthal-dimethyl)	2	0.0245	0.0019	0.0470	
PESTICIDES-F052	MEXICO	10	Metalaxyl	3	0.0417	0.0200	0.0680	
PESTICIDES-F052	MEXICO	10	Trifluralin	1	0.0066	0.0066	0.0066	
PESTICIDES-F052	UNITED STATES	3	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	3	Chlorpyrifos	1	0.0115	0.0115	0.0115	
PESTICIDES-F052	UNITED STATES	3	Dacthal (chlorthal-dimethyl)	1	0.1098	0.1098	0.1098	1
PESTICIDES-F052	UNITED STATES	3	Metalaxyl	1	0.0114	0.0114	0.0114	
PESTICIDES-F052	UNITED STATES	3	o,p'-DDT	1	0.0011	0.0011	0.0011	
PESTICIDES-F052	UNITED STATES	3	p,p'-DDE	1	0.0011	0.0011	0.0011	
THIABENDAZOLE	GUATEMALA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	6	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

RAMBUTAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	2	Benomyl	1	0.0380	0.0380	0.0380	
EBDC(DC)	THAILAND	2	Dithiocarbamate					
EBDC(EBDC)	THAILAND	2	Ethylene Diamine					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-F052	THAILAND	3	Pesticide Screen	1				
PESTICIDES-F052	THAILAND	3	Chlorpyrifos	1	0.0037	0.0037	0.0037	
THIABENDAZOLE	THAILAND	3	Thiabendazole					

RASPBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	UNITED STATES	1	Daminozide					
AMITRAZ	CHILE	1	Amitraz					
AMITRAZ	UNITED STATES	2	Amitraz					
BENOMYL	CHILE	9	Benomyl	2	0.0809	0.0590	0.1027	
BENOMYL	UNITED STATES	7	Benomyl					
EBDC(DC)	CHILE	13	Dithiocarbamate					
EBDC(DC)	UNITED STATES	7	Dithiocarbamate	1	0.3500	0.3500	0.3500	
EBDC(EBDC)	CHILE	20	Ethylene Diamine	1	0.4240	0.4240	0.4240	
EBDC(EBDC)	UNITED STATES	7	Ethylene Diamine					
EBDC(ETU)	CHILE	7	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	7	Ethylene Thiourea					
FORMETANATE	CHILE	1	Formetanate					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	CHILE	17	Pesticide Screen	12				
PESTICIDES-F052	CHILE	17	Captan	3	0.7843	0.3780	1.4800	
PESTICIDES-F052	CHILE	17	Carbaryl	5	0.0496	0.0120	0.1020	
PESTICIDES-F052	CHILE	17	Chlorpyrifos	2	0.0210	0.0019	0.0400	
PESTICIDES-F052	CHILE	17	Dichloran	1	0.0932	0.0932	0.0932	
PESTICIDES-F052	CHILE	17	Iprodione	5	1.8115	0.1183	5.8100	
PESTICIDES-F052	MEXICO	1	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	1	Captan	1	0.1915	0.1915	0.1915	
PESTICIDES-F052	UNITED STATES	20	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	20	Biphenyl	1	0.0037	0.0037	0.0037	
PESTICIDES-F052	UNITED STATES	20	Dacthal (chlorthal-dimethyl)	1	0.0021	0.0021	0.0021	
PESTICIDES-F052	UNITED STATES	20	Myclobutanil	1	0.0072	0.0072	0.0072	
THIABENDAZOLE	CHILE	7	Thiabendazole					
THIABENDAZOLE	UNITED STATES	10	Thiabendazole					

SPINACH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	1	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	MEXICO	3	Benomyl					
BENOMYL	UNITED STATES	14	Benomyl	1	0.0291	0.0291	0.0291	
EBDC(DC)	MEXICO	5	Dithiocarbamate					
EBDC(DC)	UNITED STATES	22	Dithiocarbamate					
EBDC(EBDC)	MEXICO	6	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	26	Ethylene Diamine	2	0.2910	0.2120	0.3700	
EBDC(ETU)	MEXICO	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	17	Ethylene Thiourea					
FORMETANATE	UNITED STATES	2	Formetanate					

SPINACH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	MEXICO	7	Pesticide Screen	6				
PESTICIDES-F052	MEXICO	7	Cyfluthrin (I,II,III,IV)	1	0.0990	0.0990	0.0990	
PESTICIDES-F052	MEXICO	7	Cypermethrin	4	0.2006	0.0549	0.4980	2
PESTICIDES-F052	MEXICO	7	Metalaxyl	2	0.0135	0.0110	0.0160	
PESTICIDES-F052	MEXICO	7	Methomyl	1	0.0320	0.0320	0.0320	
PESTICIDES-F052	MEXICO	7	p,p'-DDE	3	0.0025	0.0018	0.0030	
PESTICIDES-F052	MEXICO	7	Permethrin	1	0.0248	0.0248	0.0248	
PESTICIDES-F052	UNITED STATES	27	Pesticide Screen	21				
PESTICIDES-F052	UNITED STATES	27	2-phenylphenol (ortho-phenylphenol)	1	0.0056	0.0056	0.0056	
PESTICIDES-F052	UNITED STATES	27	Atrazine	1	0.0021	0.0021	0.0021	
PESTICIDES-F052	UNITED STATES	27	Chlordane	1	0.0025	0.0025	0.0025	
PESTICIDES-F052	UNITED STATES	27	Cyfluthrin (I,II,III,IV)	3	0.2597	0.0980	0.4110	2
PESTICIDES-F052	UNITED STATES	27	Cypermethrin	8	0.3024	0.0280	0.7897	6
PESTICIDES-F052	UNITED STATES	27	Dacthal (chlorthal-dimethyl)	2	0.0032	0.0004	0.0060	
PESTICIDES-F052	UNITED STATES	27	Des-ethyl Atrazine	1	0.0132	0.0132	0.0132	
PESTICIDES-F052	UNITED STATES	27	Diazinon o analogue	2	0.2733	0.0441	0.5025	
PESTICIDES-F052	UNITED STATES	27	Dichloran	1	0.0766	0.0766	0.0766	
PESTICIDES-F052	UNITED STATES	27	Dieldrin	1	0.0161	0.0161	0.0161	
PESTICIDES-F052	UNITED STATES	27	Endosulfan Total	1	0.0110	0.0110	0.0110	
PESTICIDES-F052	UNITED STATES	27	Iprodione	1	0.0047	0.0047	0.0047	
PESTICIDES-F052	UNITED STATES	27	Metalaxyl	3	0.0036	0.0013	0.0072	
PESTICIDES-F052	UNITED STATES	27	o,p'-DDT	1	0.0050	0.0050	0.0050	
PESTICIDES-F052	UNITED STATES	27	Oxamyl	1	0.0181	0.0181	0.0181	
PESTICIDES-F052	UNITED STATES	27	p,p'-DDD (p,p'-TDE)	2	0.0028	0.0011	0.0044	
PESTICIDES-F052	UNITED STATES	27	p,p'-DDE	16	0.0078	0.0011	0.0578	
PESTICIDES-F052	UNITED STATES	27	p,p'-DDT	5	0.0038	0.0011	0.0086	
PESTICIDES-F052	UNITED STATES	27	Pentachloroaniline	1	0.0060	0.0060	0.0060	
PESTICIDES-F052	UNITED STATES	27	Permethrin	13	2.3664	0.0103	8.2800	
PESTICIDES-F052	UNITED STATES	27	Permethrin trans	1	2.4966	2.4966	2.4966	
THIABENDAZOLE	MEXICO	3	Thiabendazole	1	0.0050	0.0050	0.0050	
THIABENDAZOLE	UNITED STATES	13	Thiabendazole	1	0.0100	0.0100	0.0100	

SQUASH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	COSTA RICA	1	Daminozide					
ALAR	MEXICO	1	Daminozide					
AMITRAZ	COSTA RICA	2	Amitraz					
AMITRAZ	MEXICO	2	Amitraz					
BENOMYL	COSTA RICA	1	Benomyl					
BENOMYL	MEXICO	4	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(DC)	COSTA RICA	2	Dithiocarbamate					
EBDC(DC)	MEXICO	5	Dithiocarbamate					

SQUASH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	UNITED STATES	1	Dithiocarbamate					
EBDC(EBDC)	COSTA RICA	2	Ethylene Diamine					
EBDC(EBDC)	MEXICO	5	Ethylene Diamine	2	0.1705	0.1240	0.2170	
EBDC(EBDC)	UNITED STATES	1	Ethylene Diamine					
EBDC(ETU)	COSTA RICA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	4	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	COSTA RICA	2	Formetanate					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-F052	COSTA RICA	5	Pesticide Screen	1				
PESTICIDES-F052	COSTA RICA	5	Azinphos-methyl	1	0.0065	0.0065	0.0065	
PESTICIDES-F052	GUATEMALA	1	Pesticide Screen	1				
PESTICIDES-F052	GUATEMALA	1	Endosulfan Total	1	0.0091	0.0091	0.0091	
PESTICIDES-F052	MEXICO	9	Pesticide Screen	5				
PESTICIDES-F052	MEXICO	9	Bendiocarb	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	MEXICO	9	Chlorpyrifos	1	0.0034	0.0034	0.0034	
PESTICIDES-F052	MEXICO	9	Endosulfan Total	3	0.0253	0.0038	0.0500	
PESTICIDES-F052	NICARAGUA	1	Pesticide Screen	1				
PESTICIDES-F052	NICARAGUA	1	Dimethoate	1	0.0386	0.0386	0.0386	
PESTICIDES-F052	UNITED STATES	5	Pesticide Screen	1				
PESTICIDES-F052	UNITED STATES	5	Chlordane	1	0.0027	0.0027	0.0027	
PESTICIDES-F052	UNITED STATES	5	Dieldrin	1	0.0028	0.0028	0.0028	
PESTICIDES-F052	UNITED STATES	5	p,p'-DDE	1	0.0015	0.0015	0.0015	
THIABENDAZOLE	COSTA RICA	2	Thiabendazole					
THIABENDAZOLE	GUATEMALA	1	Thiabendazole	1	0.0214	0.0214	0.0214	
THIABENDAZOLE	MEXICO	4	Thiabendazole					
THIABENDAZOLE	NICARAGUA	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	3	Thiabendazole					

STARFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	TAIWAN	2	Daminozide					
AMITRAZ	TAIWAN	1	Amitraz					
BENOMYL	MALAYSIA	5	Benomyl					
BENOMYL	TAIWAN	4	Benomyl					
EBDC(DC)	MALAYSIA	5	Dithiocarbamate	2	0.2400	0.1300	0.3500	2
EBDC(DC)	TAIWAN	4	Dithiocarbamate	1	0.2300	0.2300	0.2300	
EBDC(EBDC)	MALAYSIA	5	Ethylene Diamine	1	0.3890	0.3890	0.3890	
EBDC(EBDC)	TAIWAN	4	Ethylene Diamine	1	1.8780	1.8780	1.8780	1
EBDC(ETU)	MALAYSIA	4	Ethylene Thiourea					
EBDC(ETU)	NETHERLANDS	1	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	3	Ethylene Thiourea					

STARFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	MALAYSIA	1	Formetanate					
FORMETANATE	TAIWAN	1	Formetanate					
PESTICIDES-F052	MALAYSIA	6	Pesticide Screen	2				
PESTICIDES-F052	MALAYSIA	6	Triadimenol	2	0.0470	0.0350	0.0590	
PESTICIDES-F052	TAIWAN	5	Pesticide Screen	5				
PESTICIDES-F052	TAIWAN	5	Carbaryl	1	0.1760	0.1760	0.1760	1
PESTICIDES-F052	TAIWAN	5	Cyhalothrin-lambda	1	0.0441	0.0441	0.0441	
PESTICIDES-F052	TAIWAN	5	Cypermethrin	2	0.1835	0.0870	0.2800	1
PESTICIDES-F052	TAIWAN	5	Esfenvalerate	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	TAIWAN	5	Fenvalerate	1	0.0600	0.0600	0.0600	
PESTICIDES-F052	TAIWAN	5	Methomyl	2	0.0510	0.0300	0.0720	
THIABENDAZOLE	MALAYSIA	2	Thiabendazole					
THIABENDAZOLE	TAIWAN	3	Thiabendazole					

STRAWBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	NEW ZEALAND	1	Abamectin					
ABAMECTIN	UNITED STATES	2	Abamectin					
ALAR	MEXICO	2	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
BENOMYL	MEXICO	17	Benomyl	9	0.5561	0.0730	1.2000	
BENOMYL	UNITED STATES	29	Benomyl	7	0.2353	0.0214	0.5622	
EBDC(DC)	MEXICO	21	Dithiocarbamate	1	0.1000	0.1000	0.1000	
EBDC(DC)	UNITED STATES	37	Dithiocarbamate	6	1.2017	0.3000	2.7500	
EBDC(EBDC)	MEXICO	21	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	40	Ethylene Diamine	2	0.2285	0.1000	0.3570	
EBDC(ETU)	MEXICO	15	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	29	Ethylene Thiourea					
FORMETANATE	NEW ZEALAND	1	Formetanate					
FORMETANATE	UNITED STATES	5	Formetanate					
PESTICIDES-F052	MEXICO	23	Pesticide Screen	14				
PESTICIDES-F052	MEXICO	23	Bifenthrin	2	0.0810	0.0770	0.0850	
PESTICIDES-F052	MEXICO	23	Captan	10	1.2657	0.0390	3.4200	
PESTICIDES-F052	MEXICO	23	Carbaryl	2	0.0885	0.0240	0.1530	
PESTICIDES-F052	MEXICO	23	Cyprodinil	3	0.0727	0.0280	0.1000	
PESTICIDES-F052	MEXICO	23	Dichloran	1	0.0450	0.0450	0.0450	
PESTICIDES-F052	MEXICO	23	Dichlorvos	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	MEXICO	23	Fludioxonil	2	0.0545	0.0360	0.0730	
PESTICIDES-F052	MEXICO	23	Iprodione	3	0.4493	0.0780	0.7600	
PESTICIDES-F052	MEXICO	23	Metalaxyl	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	MEXICO	23	Methomyl	2	0.1400	0.0150	0.2650	
PESTICIDES-F052	MEXICO	23	Myclobutanil	4	0.0623	0.0290	0.1020	
PESTICIDES-F052	NEW ZEALAND	3	Pesticide Screen	3				

STRAWBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	NEW ZEALAND	3	Captan	3	0.2477	0.0530	0.4700	
PESTICIDES-F052	NEW ZEALAND	3	Iprodione	1	0.2180	0.2180	0.2180	
PESTICIDES-F052	NEW ZEALAND	3	Methomyl	2	0.0105	0.0100	0.0110	
PESTICIDES-F052	UNITED STATES	49	Pesticide Screen	45				
PESTICIDES-F052	UNITED STATES	49	Azoxystrobin	7	0.2289	0.0086	0.9130	3
PESTICIDES-F052	UNITED STATES	49	Bifenthrin	7	0.0592	0.0060	0.1290	1
PESTICIDES-F052	UNITED STATES	49	Captan	33	3.6512	0.0310	12.9000	8
PESTICIDES-F052	UNITED STATES	49	Captan metabolite	1	1.0510	1.0510	1.0510	
PESTICIDES-F052	UNITED STATES	49	Chlorpyrifos	1	0.0068	0.0068	0.0068	
PESTICIDES-F052	UNITED STATES	49	Cypermethrin	1	0.1853	0.1853	0.1853	
PESTICIDES-F052	UNITED STATES	49	Cyprodinil	6	0.1664	0.0005	0.6389	
PESTICIDES-F052	UNITED STATES	49	Dichlorvos	3	0.0333	0.0140	0.0590	
PESTICIDES-F052	UNITED STATES	49	Fenpropathrin	5	0.1526	0.0022	0.7355	1
PESTICIDES-F052	UNITED STATES	49	Fludioxonil	5	0.1503	0.0830	0.2920	
PESTICIDES-F052	UNITED STATES	49	Malathion	1	0.0134	0.0134	0.0134	
PESTICIDES-F052	UNITED STATES	49	Metalaxyl	9	0.1372	0.0083	0.3790	
PESTICIDES-F052	UNITED STATES	49	Methomyl	6	0.1450	0.0070	0.4420	
PESTICIDES-F052	UNITED STATES	49	Myclobutanil	19	0.0762	0.0036	0.2410	
PESTICIDES-F052	UNITED STATES	49	p,p'-DDE	1	0.0014	0.0014	0.0014	
PESTICIDES-F052	UNITED STATES	49	Piperonyl butoxide	1	0.4754	0.4754	0.4754	1
PESTICIDES-F052	UNITED STATES	49	Triflumizole	1	0.0042	0.0042	0.0042	
THIABENDAZOLE	CHILE	1	Thiabendazole					
THIABENDAZOLE	MEXICO	11	Thiabendazole					
THIABENDAZOLE	NEW ZEALAND	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	30	Thiabendazole					

SWEET POTATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	CHINA	1	Daminozide					
ALAR	UNITED STATES	2	Daminozide					
AMITRAZ	UNITED STATES	6	Amitraz					
BENOMYL	JAMAICA	2	Benomyl					
BENOMYL	UNITED STATES	10	Benomyl					
EBDC(DC)	JAMAICA	3	Dithiocarbamate	1	4.1400	4.1400	4.1400	1
EBDC(DC)	UNITED STATES	12	Dithiocarbamate	1	0.8900	0.8900	0.8900	1
EBDC(EBDC)	JAMAICA	3	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	12	Ethylene Diamine					
EBDC(ETU)	JAMAICA	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	9	Ethylene Thiourea					
FORMETANATE	JAMAICA	1	Formetanate					
FORMETANATE	UNITED STATES	5	Formetanate					
PESTICIDES-F052	CHINA	1	Pesticide Screen	1				
PESTICIDES-F052	CHINA	1	Chlorpyrifos	1	0.0130	0.0130	0.0130	

SWEET POTATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	CHINA	1	Prochloraz	1	0.0030	0.0030	0.0030	
PESTICIDES-F052	HONDURAS	1	Pesticide Screen					
PESTICIDES-F052	JAMAICA	3	Pesticide Screen	1				
PESTICIDES-F052	JAMAICA	3	Azinphos-ethyl	1	0.0540	0.0540	0.0540	
PESTICIDES-F052	UNITED STATES	27	Pesticide Screen	12				
PESTICIDES-F052	UNITED STATES	27	Chlorpropham	1	0.0038	0.0038	0.0038	
PESTICIDES-F052	UNITED STATES	27	Dichloran	11	0.2344	0.0170	0.6721	
PESTICIDES-F052	UNITED STATES	27	p,p'-DDE	1	0.0036	0.0036	0.0036	
PESTICIDES-F052	UNITED STATES	27	Phosmet	3	0.2934	0.0830	0.6252	2
PESTICIDES-F052	UNITED STATES	27	Piperonyl butoxide	1	1.6650	1.6650	1.6650	1
THIABENDAZOLE	HONDURAS	1	Thiabendazole					
THIABENDAZOLE	JAMAICA	2	Thiabendazole					
THIABENDAZOLE	UNITED STATES	11	Thiabendazole					

TARO ROOT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	JAMAICA	1	Daminozide					
BENOMYL	CHINA	2	Benomyl	1	0.0030	0.0030	0.0030	
BENOMYL	COSTA RICA	1	Benomyl					
EBDC(DC)	CHINA	2	Dithiocarbamate					
EBDC(DC)	COSTA RICA	1	Dithiocarbamate					
EBDC(EBDC)	CHINA	2	Ethylene Diamine					
EBDC(EBDC)	COSTA RICA	1	Ethylene Diamine					
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
EBDC(ETU)	COSTA RICA	1	Ethylene Thiourea					
PESTICIDES-F052	CHINA	2	Pesticide Screen					
PESTICIDES-F052	COSTA RICA	1	Pesticide Screen					
PESTICIDES-F052	JAMAICA	1	Pesticide Screen	1				
PESTICIDES-F052	JAMAICA	1	Azinphos-methyl	1	0.0284	0.0284	0.0284	
PESTICIDES-F052	JAMAICA	1	Azoxystrobin	1	0.2386	0.2386	0.2386	1
PESTICIDES-F052	JAMAICA	1	Dichloran	1	0.0099	0.0099	0.0099	

THYME, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Pesticide Screen	1				
PESTICIDES-F052	DOMINICAN REPUBLIC	1	Endosulfan Total	1	3.7200	3.7200	3.7200	1
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole					

TOMATO, FRESH

TOMATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	BELGIUM	1	Abamectin					
ABAMECTIN	MEXICO	1	Abamectin					
ABAMECTIN	NETHERLANDS	1	Abamectin					
ABAMECTIN	UNITED STATES	1	Abamectin					
ALAR	ISRAEL	2	Daminozide					
ALAR	MEXICO	8	Daminozide					
ALAR	SPAIN	6	Daminozide					
ALAR	UNITED STATES	15	Daminozide					
AMITRAZ	ISRAEL	1	Amitraz					
AMITRAZ	MEXICO	12	Amitraz					
AMITRAZ	SPAIN	8	Amitraz					
AMITRAZ	UNITED STATES	24	Amitraz					
BENOMYL	BELGIUM	1	Benomyl					
BENOMYL	COLOMBIA	1	Benomyl	1	0.0148	0.0148	0.0148	
BENOMYL	ISRAEL	1	Benomyl					
BENOMYL	MEXICO	28	Benomyl	2	0.0138	0.0125	0.0150	
BENOMYL	NETHERLANDS	2	Benomyl					
BENOMYL	SPAIN	5	Benomyl					
BENOMYL	UNITED STATES	41	Benomyl					
EBDC(DC)	BELGIUM	1	Dithiocarbamate					
EBDC(DC)	CENTRAL AFRICAN REPUB	1	Dithiocarbamate					
EBDC(DC)	COLOMBIA	1	Dithiocarbamate	1	0.2500	0.2500	0.2500	
EBDC(DC)	ISRAEL	1	Dithiocarbamate					
EBDC(DC)	MEXICO	28	Dithiocarbamate	1	0.1400	0.1400	0.1400	
EBDC(DC)	NETHERLANDS	2	Dithiocarbamate					
EBDC(DC)	SPAIN	9	Dithiocarbamate	1	0.1800	0.1800	0.1800	
EBDC(DC)	UNITED STATES	43	Dithiocarbamate	4	0.1925	0.1700	0.2200	
EBDC(EBDC)	BELGIUM	1	Ethylene Diamine					
EBDC(EBDC)	CENTRAL AFRICAN REPUB	1	Ethylene Diamine					
EBDC(EBDC)	COLOMBIA	1	Ethylene Diamine	1	0.5540	0.5540	0.5540	
EBDC(EBDC)	ISRAEL	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	32	Ethylene Diamine	2	0.1490	0.1000	0.1980	
EBDC(EBDC)	NETHERLANDS	2	Ethylene Diamine					
EBDC(EBDC)	SPAIN	9	Ethylene Diamine	3	0.2393	0.1100	0.4220	
EBDC(EBDC)	UNITED STATES	45	Ethylene Diamine	6	0.2848	0.0920	0.5410	
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
EBDC(ETU)	COLOMBIA	1	Ethylene Thiourea					
EBDC(ETU)	ISRAEL	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	21	Ethylene Thiourea					
EBDC(ETU)	NETHERLANDS	2	Ethylene Thiourea					
EBDC(ETU)	SPAIN	4	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	38	Ethylene Thiourea					
FORMETANATE	ISRAEL	1	Formetanate					
FORMETANATE	MEXICO	10	Formetanate					
FORMETANATE	NETHERLANDS	2	Formetanate					
FORMETANATE	SPAIN	7	Formetanate	1	0.0290	0.0290	0.0290	
FORMETANATE	UNITED STATES	26	Formetanate					
PESTICIDES-F052	BELGIUM	2	Pesticide Screen	2				

TOMATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	BELGIUM	2	Aldicarb	1	0.0310	0.0310	0.0310	
PESTICIDES-F052	BELGIUM	2	Myclobutanil	1	0.0205	0.0205	0.0205	
PESTICIDES-F052	BELGIUM	2	Pyridaben	1	0.0690	0.0690	0.0690	
PESTICIDES-F052	COLOMBIA	1	Pesticide Screen					
PESTICIDES-F052	ISRAEL	2	Pesticide Screen					
PESTICIDES-F052	MEXICO	44	Pesticide Screen	19				
PESTICIDES-F052	MEXICO	44	Aldicarb	1	0.0071	0.0071	0.0071	
PESTICIDES-F052	MEXICO	44	Azoxystrobin	1	0.1400	0.1400	0.1400	
PESTICIDES-F052	MEXICO	44	Bifenthrin	1	0.0750	0.0750	0.0750	
PESTICIDES-F052	MEXICO	44	Captan	3	0.0373	0.0130	0.0780	
PESTICIDES-F052	MEXICO	44	Captan metabolite	1	0.0530	0.0530	0.0530	
PESTICIDES-F052	MEXICO	44	Chlorothalonil	1	0.1950	0.1950	0.1950	
PESTICIDES-F052	MEXICO	44	Chlorpyrifos	4	0.0339	0.0036	0.0900	3
PESTICIDES-F052	MEXICO	44	Dichloran	1	0.0141	0.0141	0.0141	
PESTICIDES-F052	MEXICO	44	Endosulfan Total	5	0.1502	0.0500	0.2560	
PESTICIDES-F052	MEXICO	44	Fenamiphos	1	0.0173	0.0173	0.0173	
PESTICIDES-F052	MEXICO	44	Fenamiphos sulfone	1	0.0070	0.0070	0.0070	
PESTICIDES-F052	MEXICO	44	Fenamiphos sulfoxide	1	1.0300	1.0300	1.0300	1
PESTICIDES-F052	MEXICO	44	Fenpropathrin	2	0.0441	0.0061	0.0820	
PESTICIDES-F052	MEXICO	44	Metalaxyl	1	0.0054	0.0054	0.0054	
PESTICIDES-F052	MEXICO	44	Methamidophos	1	0.0800	0.0800	0.0800	
PESTICIDES-F052	MEXICO	44	Methidathion	1	0.0200	0.0200	0.0200	
PESTICIDES-F052	MEXICO	44	Myclobutanil	3	0.0404	0.0017	0.0900	
PESTICIDES-F052	MEXICO	44	Permethrin	1	0.0868	0.0868	0.0868	
PESTICIDES-F052	MEXICO	44	Piperonyl butoxide	1	0.0102	0.0102	0.0102	
PESTICIDES-F052	MEXICO	44	Propiconazole	1	0.0630	0.0630	0.0630	
PESTICIDES-F052	NETHERLANDS	6	Pesticide Screen	1				
PESTICIDES-F052	NETHERLANDS	6	Azoxystrobin	1	0.0858	0.0858	0.0858	
PESTICIDES-F052	NETHERLANDS	6	Buprofezin	1	0.0021	0.0021	0.0021	
PESTICIDES-F052	SPAIN	10	Pesticide Screen	8				
PESTICIDES-F052	SPAIN	10	2-phenylphenol (ortho-phenylphenol)	1	0.0060	0.0060	0.0060	
PESTICIDES-F052	SPAIN	10	Buprofezin	1	0.0122	0.0122	0.0122	
PESTICIDES-F052	SPAIN	10	Cypermethrin	1	0.0720	0.0720	0.0720	
PESTICIDES-F052	SPAIN	10	Cyprodinil	1	0.1777	0.1777	0.1777	1
PESTICIDES-F052	SPAIN	10	Endosulfan Total	1	0.0120	0.0120	0.0120	
PESTICIDES-F052	SPAIN	10	Fludioxonil	1	0.0827	0.0827	0.0827	
PESTICIDES-F052	SPAIN	10	Iprodione	1	0.0830	0.0830	0.0830	
PESTICIDES-F052	SPAIN	10	Metalaxyl	1	0.0114	0.0114	0.0114	
PESTICIDES-F052	SPAIN	10	Oxamyl	1	0.0540	0.0540	0.0540	
PESTICIDES-F052	SPAIN	10	Procymidone	2	0.1582	0.1430	0.1734	2
PESTICIDES-F052	SPAIN	10	Pyridaben	2	0.0170	0.0128	0.0212	
PESTICIDES-F052	SPAIN	10	Tebuconazole	1	0.0580	0.0580	0.0580	
PESTICIDES-F052	SPAIN	10	Triadimenol	4	0.0608	0.0300	0.1390	1
PESTICIDES-F052	UNITED STATES	70	Pesticide Screen	16				
PESTICIDES-F052	UNITED STATES	70	2-phenylphenol (ortho-phenylphenol)	3	0.0081	0.0034	0.0148	
PESTICIDES-F052	UNITED STATES	70	Aldicarb	1	0.0150	0.0150	0.0150	
PESTICIDES-F052	UNITED STATES	70	Azoxystrobin	1	0.0062	0.0062	0.0062	
PESTICIDES-F052	UNITED STATES	70	Bifenthrin	4	0.0093	0.0021	0.0241	

TOMATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-F052	UNITED STATES	70	Chlorothalonil	1	0.1006	0.1006	0.1006	
PESTICIDES-F052	UNITED STATES	70	Cyfluthrin (I,II,III,IV)	1	0.0207	0.0207	0.0207	
PESTICIDES-F052	UNITED STATES	70	Cypermethrin	1	0.0230	0.0230	0.0230	
PESTICIDES-F052	UNITED STATES	70	Dicofol	1	0.2663	0.2663	0.2663	
PESTICIDES-F052	UNITED STATES	70	Endosulfan Total	7	0.0456	0.0095	0.1730	
PESTICIDES-F052	UNITED STATES	70	Fenpropathrin	3	0.0330	0.0097	0.0628	
PESTICIDES-F052	UNITED STATES	70	Fenvalerate	2	0.0063	0.0036	0.0090	
PESTICIDES-F052	UNITED STATES	70	Methamidophos	1	0.0600	0.0600	0.0600	
PESTICIDES-F052	UNITED STATES	70	Myclobutanil	1	0.0074	0.0074	0.0074	
PESTICIDES-F052	UNITED STATES	70	Oxamyl	1	0.0016	0.0016	0.0016	
PESTICIDES-F052	UNITED STATES	70	Permethrin	1	0.0084	0.0084	0.0084	
PESTICIDES-F052	UNITED STATES	70	Piperonyl butoxide	1	0.1164	0.1164	0.1164	
THIABENDAZOLE	BELGIUM	2	Thiabendazole					
THIABENDAZOLE	COLOMBIA	1	Thiabendazole					
THIABENDAZOLE	MEXICO	16	Thiabendazole					
THIABENDAZOLE	NETHERLANDS	2	Thiabendazole					
THIABENDAZOLE	SPAIN	7	Thiabendazole					
THIABENDAZOLE	UNITED STATES	31	Thiabendazole					

TOMATO, FRESH (GH)

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ABAMECTIN	UNITED STATES	1	Abamectin					
PESTICIDES-F052	UNITED STATES	1	Pesticide Screen					

WATERMELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	MEXICO	1	Daminozide					
AMITRAZ	MEXICO	2	Amitraz					
AMITRAZ	UNITED STATES	1	Amitraz					
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	MEXICO	25	Benomyl					
BENOMYL	UNITED STATES	7	Benomyl					
EBDC(DC)	GUATEMALA	1	Dithiocarbamate					
EBDC(DC)	MEXICO	27	Dithiocarbamate	1	5.3400	5.3400	5.3400	
EBDC(DC)	NICARAGUA	1	Dithiocarbamate					
EBDC(DC)	UNITED STATES	7	Dithiocarbamate					
EBDC(EBDC)	GUATEMALA	1	Ethylene Diamine					
EBDC(EBDC)	MEXICO	31	Ethylene Diamine	6	0.3683	0.2170	0.7790	
EBDC(EBDC)	NICARAGUA	1	Ethylene Diamine	1	0.2170	0.2170	0.2170	

WATERMELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC)	UNITED STATES	7	Ethylene Diamine	2	0.2565	0.1650	0.3480	
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	22	Ethylene Thiourea					
EBDC(ETU)	NICARAGUA	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	7	Ethylene Thiourea					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	UNITED STATES	3	Formetanate					
PESTICIDES-F052	GUATEMALA	1	Pesticide Screen					
PESTICIDES-F052	MEXICO	29	Pesticide Screen	2				
PESTICIDES-F052	MEXICO	29	2-phenylphenol (ortho-phenylphenol)	1	0.0049	0.0049	0.0049	
PESTICIDES-F052	MEXICO	29	Methamidophos	1	0.0258	0.0258	0.0258	
PESTICIDES-F052	NICARAGUA	1	Pesticide Screen					
PESTICIDES-F052	UNITED STATES	15	Pesticide Screen	3				
PESTICIDES-F052	UNITED STATES	15	Atrazine	1	0.0029	0.0029	0.0029	
PESTICIDES-F052	UNITED STATES	15	Bifenthrin	1	0.0091	0.0091	0.0091	
PESTICIDES-F052	UNITED STATES	15	Diphenylamine	1	0.0014	0.0014	0.0014	
PESTICIDES-F052	UNITED STATES	15	Metalaxyl	1	0.0055	0.0055	0.0055	
THIABENDAZOLE	MEXICO	16	Thiabendazole					
THIABENDAZOLE	NICARAGUA	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	4	Thiabendazole					

YUCCA/CASSAVA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
ALAR	COSTA RICA	1	Daminozide					
AMITRAZ	COSTA RICA	1	Amitraz					
BENOMYL	COSTA RICA	1	Benomyl					
EBDC(DC)	COSTA RICA	2	Dithiocarbamate					
EBDC(EBDC)	COSTA RICA	2	Ethylene Diamine					
EBDC(ETU)	COSTA RICA	2	Ethylene Thiourea					
FORMETANATE	COSTA RICA	1	Formetanate					
PESTICIDES-F052	COSTA RICA	4	Pesticide Screen					
THIABENDAZOLE	COSTA RICA	3	Thiabendazole					

ZUCCHINI, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	2	Benomyl					
BENOMYL	MOROCCO	2	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl	1	0.0210	0.0210	0.0210	
EBDC(DC)	MEXICO	2	Dithiocarbamate					

ZUCCHINI, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC)	MOROCCO	2	Dithiocarbamate					
EBDC(DC)	UNITED STATES	2	Dithiocarbamate					
EBDC(EBDC)	MEXICO	2	Ethylene Diamine					
EBDC(EBDC)	MOROCCO	2	Ethylene Diamine					
EBDC(EBDC)	UNITED STATES	2	Ethylene Diamine					
EBDC(ETU)	MEXICO	2	Ethylene Thiourea					
EBDC(ETU)	MOROCCO	2	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-F052	MEXICO	2	Pesticide Screen	1				
PESTICIDES-F052	MEXICO	2	Dieldrin	1	0.0040	0.0040	0.0040	
PESTICIDES-F052	MEXICO	2	Endosulfan Total	1	0.0087	0.0087	0.0087	
PESTICIDES-F052	MEXICO	2	Metalaxyl	1	0.0158	0.0158	0.0158	
PESTICIDES-F052	MOROCCO	2	Pesticide Screen	1				
PESTICIDES-F052	MOROCCO	2	Azoxystrobin	1	0.0102	0.0102	0.0102	
PESTICIDES-F052	MOROCCO	2	Endosulfan Total	1	0.0658	0.0658	0.0658	
PESTICIDES-F052	UNITED STATES	2	Pesticide Screen	2				
PESTICIDES-F052	UNITED STATES	2	Endosulfan Total	2	0.0187	0.0074	0.0300	
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	MOROCCO	2	Thiabendazole					
THIABENDAZOLE	UNITED STATES	3	Thiabendazole					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Import Fresh Fruit & Vegetable Products

APPLES, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	59	44	0.5340	0.1230	1.7810		
Arsenic	59	4	0.0084	0.0064	0.0100		
Boron	59	58	3.9118	0.3000	12.6000		15
Cadmium	59	3	0.0170	0.0100	0.0300		
Chromium	59	26	0.0370	0.0100	0.1870		
Copper	59	45	0.5086	0.1270	2.5500		
Iron	59	49	1.7293	0.6000	16.7000		
Lead	59	6	0.0322	0.0010	0.1263		
Manganese	59	53	0.3919	0.0500	1.3400		
Mercury	33	0					
Nickel	59	9	1.5122	0.0090	13.4000		1
Selenium	59	3	0.0073	0.0010	0.0200		
Tin	59	13	0.1205	0.0050	0.6180		
Titanium	59	31	0.1415	0.0150	0.4130		
Zinc	59	47	0.4883	0.1170	2.4800		
All Metals and Elements	859	391					16

APRICOT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	2.8044	0.8910	7.5000		
Arsenic	5	0					
Boron	5	5	8.0596	6.0790	10.6500		5
Cadmium	5	3	0.0048	0.0021	0.0066		
Chromium	5	2	0.0250	0.0200	0.0300		
Copper	5	4	0.8408	0.4020	1.6100		
Iron	5	5	4.2410	2.9000	5.5370		
Lead	5	1	0.0056	0.0056	0.0056		
Manganese	5	5	1.3230	0.4970	3.5260		
Mercury	3	0					
Nickel	5	4	0.1305	0.0460	0.2640		
Selenium	5	0					
Tin	5	2	0.0560	0.0510	0.0610		
Titanium	5	4	0.3268	0.0500	0.6730		
Zinc	5	5	2.2908	1.4400	3.5900		
All Metals and Elements	73	45					5

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ARTICHOKE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	12	0.6367	0.2000	1.7460		
Arsenic	13	0					
Boron	13	13	3.2471	1.4730	4.9170		
Cadmium	13	12	0.1514	0.0057	0.4100		7
Chromium	13	8	0.0371	0.0250	0.0520		
Copper	13	13	1.1940	0.4370	2.3780		
Iron	13	13	8.7180	2.7680	11.5000		
Lead	13	1	0.0060	0.0060	0.0060		
Manganese	13	13	2.2559	0.9840	4.3260		
Mercury	5	0					
Nickel	13	13	0.4886	0.0970	0.9180		
Selenium	13	1	0.0020	0.0020	0.0020		
Tin	13	3	0.0643	0.0460	0.0740		
Titanium	13	7	0.5757	0.0300	1.0950		
Zinc	13	13	4.9114	1.1070	9.0740		
All Metals and Elements	187	122					7

ASPARAGUS, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	20	20	2.6726	0.1570	17.0000		1
Arsenic	20	5	0.0085	0.0057	0.0100		
Boron	20	19	1.6909	0.6400	4.2000		
Cadmium	20	13	0.0246	0.0022	0.1400		1
Chromium	20	17	0.5534	0.0100	9.0000		1
Copper	20	19	1.1544	0.3360	1.9000		
Iron	20	19	6.0757	1.9860	12.4000		
Lead	20	10	0.0102	0.0024	0.0500		
Manganese	20	19	1.5745	0.5420	3.5800		
Mercury	14	0					
Nickel	20	19	0.1599	0.0300	0.4400		
Selenium	20	11	0.0628	0.0230	0.1640		
Tin	20	9	0.2610	0.0200	2.0000		
Titanium	20	15	0.5069	0.0800	0.9560		
Zinc	20	19	6.3657	2.1260	45.3900		1
All Metals and Elements	294	214					4

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ATEMOYA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1260	0.1260	0.1260		
Arsenic	1	0					
Boron	1	1	0.8760	0.8760	0.8760		
Cadmium	1	1	0.0196	0.0196	0.0196		
Chromium	1	0					
Copper	1	1	1.4710	1.4710	1.4710		
Iron	1	1	1.1300	1.1300	1.1300		
Lead	1	0					
Manganese	1	1	1.4120	1.4120	1.4120		
Mercury	1	0					
Nickel	1	1	0.0290	0.0290	0.0290		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.2370	0.2370	0.2370		
Zinc	1	1	1.1450	1.1450	1.1450		
All Metals and Elements	15	9					

AVOCADO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	26	14	1.9874	0.1000	19.2000		1
Arsenic	26	8	0.0548	0.0084	0.1600		
Boron	26	26	8.1465	1.0220	29.7000		13
Cadmium	26	18	0.0184	0.0020	0.1600		1
Chromium	26	8	0.1791	0.0100	1.1000		
Copper	26	25	2.2551	0.7670	5.0200		
Iron	26	26	13.8272	1.2000	235.0000		1
Lead	26	2	2.9150	0.0100	5.8200		1
Manganese	26	26	1.7533	0.3850	5.5300		
Mercury	21	0					
Nickel	26	24	0.2152	0.0300	1.4700		1
Selenium	26	1	0.0700	0.0700	0.0700		
Tin	26	9	0.2054	0.0210	1.5000		
Titanium	26	23	0.3483	0.0300	1.4000		
Zinc	26	26	6.8240	0.5200	83.6000		1
All Metals and Elements	385	236					19

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BANANA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	54	30	1.2735	0.1040	21.3800		1
Arsenic	54	3	0.0082	0.0065	0.0100		
Boron	54	54	1.6230	0.6000	4.1840		
Cadmium	54	4	0.0987	0.0075	0.3589		1
Chromium	54	27	0.0409	0.0100	0.1650		
Copper	54	53	1.0122	0.2370	1.7780		
Iron	54	54	3.3824	1.2960	33.1800		
Lead	54	5	0.0095	0.0040	0.0288		
Manganese	54	54	2.5931	0.3900	11.2300		1
Mercury	39	0					
Nickel	54	42	0.0699	0.0100	0.7300		
Selenium	54	4	0.0368	0.0250	0.0490		
Tin	54	11	0.0492	0.0210	0.1280		
Titanium	54	42	0.2170	0.0200	1.4550		
Zinc	54	54	1.8465	0.7500	9.4700		
All Metals and Elements	795	437					3

BASIL, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	20.1000	20.1000	20.1000		1
Arsenic	1	1	0.0200	0.0200	0.0200		
Boron	1	1	4.2000	4.2000	4.2000		
Cadmium	1	0					
Chromium	1	1	0.0600	0.0600	0.0600		
Copper	1	1	0.8200	0.8200	0.8200		
Iron	1	1	20.1000	20.1000	20.1000		
Lead	1	1	0.0400	0.0400	0.0400		
Manganese	1	1	10.8000	10.8000	10.8000		
Nickel	1	1	0.1300	0.1300	0.1300		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.3500	0.3500	0.3500		
Zinc	1	1	4.4700	4.4700	4.4700		
All Metals and Elements	14	11					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BEAN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	20	18	2.2587	0.1270	7.2980		
Arsenic	20	4	0.0110	0.0065	0.0200		
Boron	20	18	2.3816	0.9500	5.4000		4
Cadmium	20	5	0.0075	0.0022	0.0200		
Chromium	20	15	0.0267	0.0110	0.0900		
Copper	20	18	1.4029	0.4470	3.2000		
Iron	20	18	10.3012	4.9270	30.8000		
Lead	20	7	0.0148	0.0024	0.0400		
Manganese	20	20	3.5511	1.0900	10.4000		1
Mercury	12	0					
Nickel	20	17	0.2574	0.0290	1.5900		1
Selenium	20	1	0.0200	0.0200	0.0200		
Tin	20	8	0.0341	0.0210	0.0630		
Titanium	20	14	0.6002	0.2010	1.2810		
Zinc	20	20	3.6882	1.0400	13.3600		
All Metals and Elements	292	183					6

BEET, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	3	5.1563	1.8000	10.5000		1
Arsenic	4	1	0.0300	0.0300	0.0300		
Boron	4	4	2.0470	0.8000	3.4000		
Cadmium	4	3	0.0253	0.0079	0.0481		
Chromium	4	3	0.0510	0.0130	0.0800		
Copper	4	4	1.0265	0.6320	2.0700		
Iron	4	4	8.4270	1.5760	19.2000		
Lead	4	2	0.0032	0.0029	0.0035		
Manganese	4	4	3.2118	1.1990	4.9100		
Mercury	2	0					
Nickel	4	3	0.0413	0.0140	0.0600		
Selenium	4	1	0.1000	0.1000	0.1000		
Tin	4	0					
Titanium	4	3	0.4460	0.1820	0.8400		
Zinc	4	4	3.8418	1.8020	7.9800		
All Metals and Elements	58	39					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BLACKBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	3.4288	0.8530	5.1100		
Arsenic	5	0					
Boron	5	5	2.4472	1.3480	3.6370		
Cadmium	5	1	0.0050	0.0050	0.0050		
Chromium	5	4	0.0420	0.0220	0.0850		
Copper	5	5	1.2572	1.0170	1.5490		
Iron	5	5	5.8368	4.4600	7.2000		
Lead	5	1	0.0110	0.0110	0.0110		
Manganese	5	5	23.4360	7.7300	59.8400		2
Mercury	3	0					
Nickel	5	5	0.1676	0.0210	0.4350		
Selenium	5	1	0.0020	0.0020	0.0020		
Tin	5	3	0.0243	0.0150	0.0310		
Titanium	5	4	0.3480	0.1700	0.5710		
Zinc	5	5	4.1146	1.4010	13.8700		
All Metals and Elements	73	49					2

BLUEBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	16	16	5.7649	1.7370	16.7900		1
Arsenic	16	13	0.0155	0.0055	0.0449		
Boron	16	16	1.5461	0.8140	3.8000		
Cadmium	16	4	0.0114	0.0026	0.0300		
Chromium	16	10	0.0334	0.0110	0.0800		
Copper	16	16	0.9098	0.3250	2.3150		
Iron	16	16	7.3574	3.2580	16.1200		
Lead	16	11	0.0058	0.0027	0.0121		
Manganese	16	16	15.7856	3.3400	66.3000		8
Mercury	13	0					
Nickel	16	16	1.1961	0.0390	17.6000		1
Selenium	16	1	0.0400	0.0400	0.0400		
Tin	16	11	0.1188	0.0240	0.3570		
Titanium	16	14	0.5075	0.1690	1.4580		
Zinc	16	16	2.1235	0.9970	7.2100		
All Metals and Elements	237	176					10

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BROCCOFLOWER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	3.8710	1.3420	6.4000		
Arsenic	2	0					
Boron	2	2	2.4265	1.6530	3.2000		
Cadmium	2	0					
Chromium	2	2	0.0390	0.0280	0.0500		
Copper	2	2	1.1330	0.8960	1.3700		
Iron	2	2	9.0765	4.6530	13.5000		
Lead	2	1	0.0082	0.0082	0.0082		
Manganese	2	2	1.9535	0.9670	2.9400		
Mercury	1	0					
Nickel	2	2	0.3945	0.2000	0.5890		
Selenium	2	0					
Tin	2	0					
Titanium	2	2	0.4255	0.3300	0.5210		
Zinc	2	2	4.3580	4.3060	4.4100		
All Metals and Elements	29	19					

BROCCOLI, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	12	12.4938	0.2000	123.4000		1
Arsenic	13	3	0.0257	0.0070	0.0600		
Boron	13	12	3.0329	0.2000	7.6000		3
Cadmium	13	8	0.0162	0.0025	0.0800		
Chromium	13	8	0.1233	0.0110	0.5700		
Copper	13	10	0.5574	0.2310	0.9700		
Iron	13	11	19.4514	3.2640	119.0000		1
Lead	13	5	0.6613	0.0027	3.2700		1
Manganese	13	13	2.4231	0.7890	4.2900		
Mercury	5	0					
Nickel	13	12	0.1759	0.0150	0.8000		
Selenium	13	3	0.0280	0.0200	0.0400		
Tin	13	3	0.3003	0.0440	0.8000		
Titanium	13	8	0.5113	0.1000	1.1970		
Zinc	13	13	7.9410	1.6690	53.7000		1
All Metals and Elements	187	121					7

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BRUSSELS SPROUT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	10	0.8202	0.3000	1.2890		
Arsenic	10	0					
Boron	10	10	2.7329	1.7150	4.9000		
Cadmium	10	8	0.0127	0.0031	0.0400		
Chromium	10	7	0.0337	0.0120	0.0700		
Copper	10	9	0.5361	0.2720	1.3800		
Iron	10	10	7.6889	5.6050	16.5000		
Lead	10	3	0.0032	0.0025	0.0039		
Manganese	10	10	2.3392	1.9280	4.2800		
Mercury	7	0					
Nickel	10	9	0.1460	0.0140	0.8700		
Selenium	10	1	0.0200	0.0200	0.0200		
Tin	10	3	0.0633	0.0220	0.1330		
Titanium	10	7	0.7563	0.4060	1.0830		
Zinc	10	10	3.1222	2.1000	4.6300		
All Metals and Elements	147	97					

CABBAGE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	30	19	2.9863	0.1270	18.3100		1
Arsenic	30	8	0.0117	0.0071	0.0240		
Boron	30	29	2.4093	1.4190	5.6920		1
Cadmium	30	20	0.0232	0.0024	0.0560		
Chromium	30	22	0.0248	0.0120	0.0480		
Copper	30	25	0.3358	0.1410	1.1170		
Iron	30	29	6.6531	2.1540	17.2900		
Lead	30	7	0.0099	0.0033	0.0200		
Manganese	30	30	2.8815	0.8840	14.2900		
Mercury	17	0					
Nickel	30	26	0.0889	0.0160	0.4220		
Selenium	30	3	0.0197	0.0050	0.0300		
Tin	30	11	0.0588	0.0250	0.1140		
Titanium	30	25	0.3732	0.0200	1.0240		
Zinc	30	30	2.4986	1.1000	14.7000		
All Metals and Elements	437	284					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CABBAGE, FRESH CHINESE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	7	1.7830	0.2070	5.4260		
Arsenic	10	2	0.0145	0.0090	0.0200		
Boron	10	10	1.7691	0.9030	3.6000		
Cadmium	10	8	0.0264	0.0044	0.0800		
Chromium	10	4	0.0265	0.0170	0.0500		
Copper	10	9	0.3308	0.1220	0.9300		
Iron	10	10	6.5097	2.8580	18.7000		
Lead	10	2	0.0048	0.0040	0.0056		
Manganese	10	10	1.5697	0.7900	3.2600		
Mercury	5	0					
Nickel	10	9	0.2167	0.0160	1.3100		1
Selenium	10	2	0.0230	0.0060	0.0400		
Tin	10	3	0.0257	0.0030	0.0450		
Titanium	10	8	0.4465	0.0300	1.3780		
Zinc	10	10	2.3918	0.6020	4.7300		
All Metals and Elements	145	94					1

CANTALOUPE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	5	0.2894	0.1040	0.5000		
Arsenic	10	7	0.0332	0.0106	0.0930		
Boron	10	10	1.9420	1.4000	3.8050		
Cadmium	10	7	0.0072	0.0040	0.0100		
Chromium	10	5	0.0248	0.0100	0.0450		
Copper	10	8	0.4239	0.2500	0.5790		
Iron	10	10	2.4038	1.4120	3.9000		
Lead	10	0					
Manganese	10	10	0.5889	0.2990	1.5100		
Mercury	6	0					
Nickel	10	9	0.0770	0.0280	0.2600		
Selenium	10	2	0.1300	0.0700	0.1900		
Tin	10	5	0.1264	0.0380	0.2600		
Titanium	10	8	0.2019	0.0100	0.3850		
Zinc	10	10	1.4279	0.8000	2.1710		
All Metals and Elements	146	96					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CARROT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	29	28	5.4853	0.1240	30.9000		6
Arsenic	29	13	0.0137	0.0051	0.0700		
Boron	29	29	2.3250	0.7000	4.2770		
Cadmium	29	23	0.0238	0.0038	0.1065		1
Chromium	29	21	0.0442	0.0110	0.1310		
Copper	29	25	0.5584	0.2130	2.0600		
Iron	29	29	8.3569	1.3170	39.6000		
Lead	29	22	0.0124	0.0028	0.0784		
Manganese	29	29	1.7926	0.7570	9.1120		
Mercury	19	0					
Nickel	29	26	0.0864	0.0150	0.3140		
Selenium	29	4	0.0828	0.0130	0.2600		
Tin	29	4	0.0445	0.0390	0.0510		
Titanium	29	24	0.5755	0.1100	2.4900		
Zinc	29	29	1.7792	0.7170	3.5210		
All Metals and Elements	425	306					7

CAULIFLOWER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	7	2.0241	0.1660	5.4200		
Arsenic	12	0					
Boron	12	12	1.5266	0.7540	2.9000		
Cadmium	12	8	0.0126	0.0027	0.0311		
Chromium	12	5	0.0256	0.0140	0.0400		
Copper	12	8	0.7103	0.1580	4.0200		
Iron	12	12	4.4973	2.8320	9.5590		
Lead	12	3	0.0177	0.0030	0.0400		
Manganese	12	12	1.5368	0.6900	3.7500		
Mercury	6	0					
Nickel	12	10	0.0997	0.0170	0.2920		
Selenium	12	1	0.0410	0.0410	0.0410		
Tin	12	4	0.0843	0.0350	0.2000		
Titanium	12	7	0.4316	0.0300	0.8400		
Zinc	12	12	2.1358	1.3310	3.1500		
All Metals and Elements	174	101					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CELERY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	16	15	2.1419	0.2000	5.7400		
Arsenic	16	5	0.0131	0.0070	0.0200		
Boron	16	16	2.1426	0.7000	4.7000		
Cadmium	16	15	0.0515	0.0100	0.1200		2
Chromium	16	11	0.0315	0.0110	0.0590		
Copper	16	12	0.2424	0.1110	0.5500		
Iron	16	16	4.7159	1.5070	8.9000		
Lead	16	7	0.0044	0.0023	0.0080		
Manganese	16	16	1.0621	0.5500	1.7400		
Mercury	8	0					
Nickel	16	13	0.0774	0.0140	0.4300		
Selenium	16	6	0.0367	0.0200	0.0540		
Tin	16	2	0.0530	0.0440	0.0620		
Titanium	16	11	0.4176	0.1000	0.9490		
Zinc	16	16	1.1638	0.2960	2.2400		
All Metals and Elements	232	161					2

CHARD, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	8.2180	6.5360	9.9000		
Arsenic	2	1	0.0120	0.0120	0.0120		
Boron	2	2	2.1315	2.0000	2.2630		
Cadmium	2	2	0.0425	0.0349	0.0500		
Chromium	2	1	0.0300	0.0300	0.0300		
Copper	2	2	0.5800	0.4900	0.6700		
Iron	2	2	11.7600	10.7200	12.8000		
Lead	2	1	0.0028	0.0028	0.0028		
Manganese	2	2	3.4245	2.9790	3.8700		
Mercury	1	0					
Nickel	2	2	0.1015	0.0630	0.1400		
Selenium	2	0					
Tin	2	0					
Titanium	2	2	1.5425	0.2900	2.7950		
Zinc	2	2	3.2300	2.8400	3.6200		
All Metals and Elements	29	21					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CHERIMOYAS, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	2.1000	2.1000	2.1000		
Cadmium	1	0					
Chromium	1	0					
Copper	1	0					
Iron	1	1	2.1000	2.1000	2.1000		
Lead	1	0					
Manganese	1	1	0.6000	0.6000	0.6000		
Nickel	1	0					
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	2.7500	2.7500	2.7500		
All Metals and Elements	14	4					

CHERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	21	17	1.0000	0.1450	7.7000		
Arsenic	21	10	0.0100	0.0061	0.0132		
Boron	21	21	5.9200	1.1000	15.7700		9
Cadmium	21	0					
Chromium	21	8	0.0268	0.0130	0.0500		
Copper	21	20	1.3118	0.6400	2.4500		
Iron	21	21	3.7386	0.9000	7.8470		
Lead	21	4	0.0074	0.0028	0.0100		
Manganese	21	21	0.7240	0.2200	1.4200		
Mercury	13	0					
Nickel	21	11	0.0260	0.0100	0.0820		
Selenium	21	0					
Tin	21	3	0.0463	0.0220	0.0860		
Titanium	21	14	0.3121	0.0100	0.4820		
Zinc	21	21	1.1224	0.3500	2.5100		
All Metals and Elements	307	171					9

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CHESTNUTS, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	2.8450	2.8450	2.8450		
Arsenic	1	1	0.0107	0.0107	0.0107		
Boron	1	1	5.7770	5.7770	5.7770		1
Cadmium	1	1	0.0537	0.0537	0.0537		
Chromium	1	0					
Copper	1	1	3.5910	3.5910	3.5910		
Iron	1	1	8.7580	8.7580	8.7580		
Lead	1	1	0.0028	0.0028	0.0028		
Manganese	1	1	34.9600	34.9600	34.9600		1
Mercury	1	0					
Nickel	1	1	2.4770	2.4770	2.4770		1
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.6570	0.6570	0.6570		
Zinc	1	1	6.3810	6.3810	6.3810		
All Metals and Elements	15	11					3

COCONUT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	1	0.2100	0.2100	0.2100		
Arsenic	3	1	0.0200	0.0200	0.0200		
Boron	3	3	1.1350	0.5420	1.7000		
Cadmium	3	2	0.0277	0.0100	0.0454		
Chromium	3	3	0.0227	0.0120	0.0400		
Copper	3	2	2.4895	0.2710	4.7080		
Iron	3	3	7.1447	1.7340	14.3000		
Lead	3	0					
Manganese	3	3	10.1200	3.9700	15.3000		2
Mercury	2	0					
Nickel	3	2	0.7420	0.0640	1.4200		1
Selenium	3	1	0.0400	0.0400	0.0400		
Tin	3	0					
Titanium	3	0					
Zinc	3	2	2.2710	0.9120	3.6300		
All Metals and Elements	44	23					3

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CORN, FRESH SWEET							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	6	0.5415	0.1130	2.0760		
Arsenic	8	1	0.0010	0.0010	0.0010		
Boron	8	8	0.8128	0.5830	1.2700		
Cadmium	8	4	0.0061	0.0030	0.0100		
Chromium	8	4	0.0565	0.0110	0.1630		
Copper	8	8	0.5671	0.2620	0.9540		
Iron	8	8	4.5934	2.6950	6.2520		
Lead	8	3	0.0055	0.0040	0.0064		
Manganese	8	8	2.6099	1.2970	5.0620		
Mercury	6	0					
Nickel	8	6	0.0750	0.0100	0.3270		
Selenium	8	2	0.0280	0.0130	0.0430		
Tin	8	1	3.8350	3.8350	3.8350		
Titanium	8	7	0.1740	0.0310	0.4200		
Zinc	8	8	5.3345	3.9900	8.0490		
All Metals and Elements	118	74					

CRANBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.6293	0.4670	0.8710		
Arsenic	3	3	0.0121	0.0084	0.0182		
Boron	3	3	0.5797	0.4400	0.7780		
Cadmium	3	3	0.0096	0.0091	0.0100		
Chromium	3	3	0.0200	0.0150	0.0280		
Copper	3	3	0.4147	0.3200	0.5390		
Iron	3	3	7.1953	2.6900	15.1900		
Lead	3	0					
Manganese	3	3	2.1257	1.5770	2.4540		
Mercury	3	0					
Nickel	3	3	0.0627	0.0480	0.0800		
Selenium	3	0					
Tin	3	2	0.0280	0.0260	0.0300		
Titanium	3	3	0.1580	0.1390	0.1840		
Zinc	3	3	0.7383	0.5980	0.8510		
All Metals and Elements	45	35					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CUCUMBER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	33	25	0.9000	0.1150	9.2760		
Arsenic	33	24	0.0357	0.0064	0.1863		
Boron	33	32	0.9525	0.5290	2.5000		
Cadmium	33	11	0.0069	0.0022	0.0200		
Chromium	33	15	0.2322	0.0120	1.5920		
Copper	33	31	0.3615	0.1130	1.1600		
Iron	33	32	3.3556	1.2970	8.6770		
Lead	33	3	0.0046	0.0030	0.0070		
Manganese	33	33	1.1385	0.2000	4.0900		
Mercury	25	0					
Nickel	33	23	0.0653	0.0100	0.6600		
Selenium	33	0					
Tin	33	9	0.0447	0.0210	0.1160		
Titanium	33	26	0.3050	0.0200	0.8320		
Zinc	33	33	2.8598	0.4020	49.7300		1
All Metals and Elements	487	297					1

DATE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	3.1580	2.3660	3.9500		
Arsenic	2	1	0.0053	0.0053	0.0053		
Boron	2	2	8.4430	7.8090	9.0770		2
Cadmium	2	0					
Chromium	2	2	0.2605	0.1900	0.3310		
Copper	2	2	1.6750	1.5900	1.7600		
Iron	2	2	7.8920	6.8650	8.9190		
Lead	2	2	0.0085	0.0066	0.0104		
Manganese	2	2	3.5140	3.0270	4.0010		
Mercury	2	0					
Nickel	2	2	0.1435	0.1180	0.1690		
Selenium	2	2	0.0330	0.0260	0.0400		
Tin	2	2	0.0540	0.0370	0.0710		
Titanium	2	2	0.5795	0.5360	0.6230		
Zinc	2	2	2.5000	2.2550	2.7450		
All Metals and Elements	30	25					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

DRAGONFRUIT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	5	0.6042	0.1080	2.1000		
Arsenic	8	0					
Boron	8	8	1.3990	0.7760	2.0290		
Cadmium	8	2	0.0046	0.0025	0.0067		
Chromium	8	4	0.0283	0.0150	0.0400		
Copper	8	8	1.0086	0.4580	3.3640		
Iron	8	8	4.8015	3.5870	5.7000		
Lead	8	1	0.0200	0.0200	0.0200		
Manganese	8	8	5.3324	0.9850	10.7800		
Mercury	7	0					
Nickel	8	8	0.1563	0.0250	0.2660		
Selenium	8	1	0.0200	0.0200	0.0200		
Tin	8	0					
Titanium	8	7	0.2717	0.2020	0.3670		
Zinc	8	8	3.9101	2.2020	5.0330		
All Metals and Elements	119	68					

EGGPLANT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.1363	0.1120	0.1780		
Arsenic	3	3	0.0145	0.0082	0.0190		
Boron	3	3	1.4593	1.1190	1.7720		
Cadmium	3	3	0.0419	0.0091	0.0829		
Chromium	3	0					
Copper	3	3	0.3893	0.1760	0.6770		
Iron	3	3	2.7220	2.2920	3.0980		
Lead	3	0					
Manganese	3	3	1.4690	0.8420	2.0300		
Mercury	3	0					
Nickel	3	3	0.0537	0.0350	0.0790		
Selenium	3	0					
Tin	3	2	0.1000	0.0510	0.1490		
Titanium	3	3	0.2327	0.1850	0.2670		
Zinc	3	3	0.9460	0.5970	1.3410		
All Metals and Elements	45	32					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ENDIVE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	6	3	0.5750	0.2250	1.0000		
Arsenic	6	0					
Boron	6	5	0.7750	0.2030	1.8000		
Cadmium	6	3	0.0064	0.0059	0.0072		
Chromium	6	2	0.0200	0.0200	0.0200		
Copper	6	5	0.7136	0.3160	1.9200		
Iron	6	6	2.6180	1.4000	5.3000		
Lead	6	0					
Manganese	6	5	1.4308	0.6700	4.1100		
Mercury	3	0					
Nickel	6	4	0.0375	0.0200	0.0510		
Selenium	6	0					
Tin	6	2	0.1650	0.0300	0.3000		
Titanium	6	4	0.1905	0.0300	0.3540		
Zinc	6	6	1.7493	0.6470	3.5400		
All Metals and Elements	87	45					

FIG, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	9	8	3.0319	0.4000	5.7240		
Arsenic	9	3	0.0148	0.0072	0.0215		
Boron	9	9	8.6428	1.3100	35.1700		3
Cadmium	9	8	0.0204	0.0032	0.0407		
Chromium	9	7	0.0789	0.0120	0.2130		
Copper	9	9	2.2339	0.6380	5.0030		
Iron	9	9	13.4660	6.2000	36.4500		
Lead	9	4	0.0110	0.0034	0.0273		
Manganese	9	9	4.1908	0.9100	12.4800		2
Mercury	6	0					
Nickel	9	9	0.8583	0.0600	2.8430		3
Selenium	9	0					
Tin	9	3	0.1017	0.0280	0.1950		
Titanium	9	7	0.8580	0.0500	2.4690		
Zinc	9	9	4.8010	1.7800	14.5700		
All Metals and Elements	132	94					8

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GARLIC, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	11	0.9866	0.1130	3.4530		
Arsenic	13	11	0.0192	0.0097	0.0511		
Boron	13	13	2.9343	0.6000	5.6000		2
Cadmium	13	12	0.0327	0.0120	0.0809		
Chromium	13	10	0.0390	0.0120	0.0700		
Copper	13	13	1.5940	0.4230	2.8100		
Iron	13	13	11.2567	5.1750	22.2100		
Lead	13	4	0.0055	0.0031	0.0100		
Manganese	13	13	3.5991	1.9260	7.1400		
Mercury	8	0					
Nickel	13	12	0.3915	0.0140	3.3900		1
Selenium	13	5	0.0402	0.0240	0.0600		
Tin	13	4	0.0663	0.0040	0.1560		
Titanium	13	10	0.9666	0.0360	1.9090		
Zinc	13	13	6.8180	4.2700	9.1000		
All Metals and Elements	190	144					3

GINGER, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	13	7.8186	0.3050	26.8900		3
Arsenic	13	3	0.0181	0.0056	0.0426		
Boron	13	13	0.9154	0.3000	2.5230		
Cadmium	13	6	0.0139	0.0056	0.0211		
Chromium	13	10	0.0397	0.0160	0.0750		
Copper	13	11	0.9655	0.4800	1.8000		
Iron	13	13	8.6975	3.1410	23.4000		
Lead	13	8	0.0186	0.0100	0.0398		
Manganese	13	13	67.5581	0.5650	156.0000		4
Mercury	5	0					
Nickel	13	11	0.1938	0.0510	0.5250		
Selenium	13	1	0.0400	0.0400	0.0400		
Tin	13	2	0.1140	0.0870	0.1410		
Titanium	13	6	0.5372	0.2030	0.9090		
Zinc	13	13	2.0183	1.0020	3.4900		
All Metals and Elements	187	123					7

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GOOSEBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	2	0.2100	0.1810	0.2390		
Arsenic	3	0					
Boron	3	3	1.7173	0.8000	2.2320		
Cadmium	3	1	0.0022	0.0022	0.0022		
Chromium	3	1	0.0300	0.0300	0.0300		
Copper	3	3	1.5227	0.6700	2.6890		
Iron	3	3	5.8327	1.5000	11.2800		
Lead	3	0					
Manganese	3	3	2.3710	1.3200	4.3230		
Mercury	2	0					
Nickel	3	2	0.0690	0.0320	0.1060		
Selenium	3	0					
Tin	3	1	0.0770	0.0770	0.0770		
Titanium	3	3	0.3120	0.0600	0.6180		
Zinc	3	3	2.5797	0.9100	4.9970		
All Metals and Elements	44	25					

GRAPE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	83	73	3.1998	0.1290	12.7300		1
Arsenic	83	27	0.0117	0.0050	0.0452		
Boron	83	81	4.3493	0.2000	14.8900		22
Cadmium	83	6	0.0081	0.0021	0.0322		
Chromium	83	48	0.0405	0.0100	0.3530		
Copper	83	78	1.1259	0.1300	4.3930		
Iron	83	77	5.8418	0.8000	22.2200		1
Lead	83	39	0.0108	0.0021	0.1500		
Manganese	83	83	0.8637	0.1300	9.0660		
Mercury	55	0					
Nickel	83	31	0.0267	0.0100	0.2480		
Selenium	83	3	0.0370	0.0310	0.0400		
Tin	83	27	0.0511	0.0200	0.1380		
Titanium	83	72	0.3973	0.0100	1.7090		
Zinc	83	81	0.6544	0.1900	5.0830		
All Metals and Elements	1217	726					24

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GRAPEFRUIT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	37	26	1.0734	0.1080	10.1800		1
Arsenic	37	3	0.0128	0.0081	0.0200		
Boron	37	36	1.8770	0.6550	4.7880		
Cadmium	37	3	0.0178	0.0111	0.0224		
Chromium	37	16	0.0269	0.0100	0.1140		
Copper	37	31	0.5679	0.1620	1.6600		
Iron	37	36	1.8513	0.5630	5.5380		
Lead	37	5	0.0230	0.0028	0.0700		
Manganese	37	34	4.5656	0.1340	140.7000		
Mercury	27	0					
Nickel	37	28	0.0465	0.0110	0.4020		
Selenium	37	1	0.0010	0.0010	0.0010		
Tin	37	10	0.0630	0.0220	0.3000		
Titanium	37	27	0.1877	0.0180	0.5370		
Zinc	37	37	0.8423	0.2520	6.1700		
All Metals and Elements	545	293					1

GUAVA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	14	10	0.3313	0.1730	0.9000		
Arsenic	14	3	0.0093	0.0080	0.0100		
Boron	14	14	1.4826	0.5820	3.4000		
Cadmium	14	3	0.0131	0.0093	0.0200		
Chromium	14	7	0.0394	0.0100	0.0900		
Copper	14	14	0.9596	0.2760	2.5100		
Iron	14	14	2.7856	0.7000	10.2000		
Lead	14	1	0.0031	0.0031	0.0031		
Manganese	14	14	1.5257	0.7350	2.8600		
Mercury	10	0					
Nickel	14	14	0.0966	0.0110	0.6800		
Selenium	14	1	0.0470	0.0470	0.0470		
Tin	14	4	0.0493	0.0290	0.0810		
Titanium	14	11	0.2039	0.0400	0.4020		
Zinc	14	13	1.8568	0.9840	4.7800		
All Metals and Elements	206	123					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

HONEYDEW MELON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	17	4	0.3190	0.1440	0.5000		
Arsenic	17	10	0.0239	0.0053	0.0400		
Boron	17	17	1.6722	0.7920	4.3000		
Cadmium	17	13	0.0085	0.0028	0.0200		
Chromium	17	7	0.0271	0.0120	0.0600		
Copper	17	15	0.3217	0.1360	0.9900		
Iron	17	16	2.1718	1.1870	5.6000		
Lead	17	0					
Manganese	17	17	0.4220	0.2600	0.7200		
Mercury	12	0					
Nickel	17	16	0.0574	0.0190	0.1200		
Selenium	17	1	0.0300	0.0300	0.0300		
Tin	17	8	0.0471	0.0210	0.0690		
Titanium	17	11	0.1315	0.0100	0.2140		
Zinc	17	17	0.9349	0.2450	3.3800		
All Metals and Elements	250	152					

JICAMA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.5190	0.1660	0.8720		
Arsenic	2	0					
Boron	2	2	1.3525	1.3130	1.3920		
Cadmium	2	1	0.0022	0.0022	0.0022		
Chromium	2	2	0.0180	0.0160	0.0200		
Copper	2	2	0.1505	0.1270	0.1740		
Iron	2	2	2.5155	2.2290	2.8020		
Lead	2	1	0.0020	0.0020	0.0020		
Manganese	2	2	0.6760	0.5720	0.7800		
Mercury	1	0					
Nickel	2	2	0.0380	0.0200	0.0560		
Selenium	2	0					
Tin	2	0					
Titanium	2	2	0.1200	0.0220	0.2180		
Zinc	2	2	1.0735	0.9380	1.2090		
All Metals and Elements	29	20					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

KALE, FRESH CHINESE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	9.7000	9.7000	9.7000		
Arsenic	1	1	0.0240	0.0240	0.0240		
Boron	1	1	2.6000	2.6000	2.6000		
Cadmium	1	1	0.0500	0.0500	0.0500		
Chromium	1	1	0.0300	0.0300	0.0300		
Copper	1	1	0.9000	0.9000	0.9000		
Iron	1	1	12.8000	12.8000	12.8000		
Lead	1	1	0.0130	0.0130	0.0130		
Manganese	1	1	4.1500	4.1500	4.1500		
Nickel	1	1	0.0700	0.0700	0.0700		
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	2.7000	2.7000	2.7000		
All Metals and Elements	14	11					

KIWIFRUIT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	19	16	1.0866	0.1030	5.5940		
Arsenic	19	2	0.0139	0.0077	0.0200		
Boron	19	19	2.5820	1.6610	5.4000		1
Cadmium	19	2	0.0063	0.0026	0.0100		
Chromium	19	12	0.0785	0.0120	0.4420		
Copper	19	19	1.4261	0.2830	3.2200		
Iron	19	19	3.4089	0.9240	5.4000		
Lead	19	3	0.0041	0.0024	0.0070		
Manganese	19	19	0.9703	0.4550	2.2210		
Mercury	13	0					
Nickel	19	16	0.1362	0.0180	1.1760		1
Selenium	19	3	0.0560	0.0030	0.1250		
Tin	19	5	0.0864	0.0210	0.1630		
Titanium	19	17	0.3629	0.0200	1.1580		
Zinc	19	19	1.4704	0.4780	4.3500		
All Metals and Elements	279	171					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

KUMQUATS, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.6700	0.6700	0.6700		
Arsenic	1	0					
Boron	1	1	2.1820	2.1820	2.1820		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.3490	0.3490	0.3490		
Iron	1	1	3.8590	3.8590	3.8590		
Lead	1	0					
Manganese	1	1	1.3810	1.3810	1.3810		
Mercury	1	0					
Nickel	1	1	0.0830	0.0830	0.0830		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.1910	0.1910	0.1910		
Zinc	1	1	0.8290	0.8290	0.8290		
All Metals and Elements	15	8					

LEEK, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	11	25.3879	2.9000	98.4700		5
Arsenic	12	5	0.0302	0.0063	0.0957		
Boron	12	12	2.2534	0.6270	3.7740		
Cadmium	12	9	0.0305	0.0048	0.1040		1
Chromium	12	12	0.2642	0.0200	2.0320		
Copper	12	12	0.5147	0.3210	0.8100		
Iron	12	12	41.4767	4.3000	233.9000		3
Lead	12	7	0.0804	0.0068	0.4728		1
Manganese	12	12	2.4998	1.1600	6.3730		
Mercury	6	0					
Nickel	12	10	0.1432	0.0270	0.3910		
Selenium	12	2	0.0230	0.0210	0.0250		
Tin	12	6	0.0425	0.0270	0.0700		
Titanium	12	11	1.5539	0.0400	5.6010		2
Zinc	12	12	2.7254	1.2570	4.9700		
All Metals and Elements	174	133					12

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

LEMON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	31	25	0.3806	0.1050	2.6000		
Arsenic	31	1	0.0100	0.0100	0.0100		
Boron	31	31	2.1355	0.6000	3.8000		
Cadmium	31	2	0.0100	0.0100	0.0100		
Chromium	31	14	0.0239	0.0110	0.0470		
Copper	31	29	0.4633	0.3030	0.7830		
Iron	31	31	2.3869	0.7440	5.9000		
Lead	31	3	0.0237	0.0110	0.0400		
Manganese	31	31	0.4136	0.1500	0.9260		
Mercury	23	0					
Nickel	31	26	0.0550	0.0110	0.3700		
Selenium	31	1	0.0030	0.0030	0.0030		
Tin	31	9	0.0443	0.0220	0.0940		
Titanium	31	25	0.1810	0.0130	0.4240		
Zinc	31	31	2.1493	0.2600	25.8500		1
All Metals and Elements	457	259					1

LETTUCE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	41	34	3.1795	0.1070	18.3000		5
Arsenic	41	6	0.0091	0.0050	0.0160		
Boron	41	41	1.1082	0.3490	2.8000		
Cadmium	41	38	0.0668	0.0021	0.4384		2
Chromium	41	22	0.0341	0.0110	0.0800		
Copper	41	36	0.3790	0.0910	1.0100		
Iron	41	41	6.9593	2.1300	37.3000		
Lead	41	13	0.0083	0.0024	0.0189		
Manganese	41	41	1.8645	0.4430	6.3400		
Mercury	29	0					
Nickel	41	34	0.1043	0.0220	0.2900		
Selenium	41	0					
Tin	41	6	0.0363	0.0210	0.0530		
Titanium	41	36	0.3689	0.0200	1.2150		
Zinc	41	41	1.8065	0.6080	6.5500		
All Metals and Elements	603	389					7

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

LIME, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	10	0.6148	0.1440	3.1000		
Arsenic	12	0					
Boron	12	12	1.5761	0.8230	2.2270		
Cadmium	12	1	0.0100	0.0100	0.0100		
Chromium	12	6	0.0367	0.0110	0.0850		
Copper	12	11	0.5066	0.3400	0.7000		
Iron	12	12	2.9911	1.8000	3.9060		
Lead	12	4	0.0150	0.0028	0.0400		
Manganese	12	12	0.6116	0.1500	1.5600		
Mercury	9	0					
Nickel	12	11	0.0347	0.0120	0.1500		
Selenium	12	0					
Tin	12	6	0.0632	0.0200	0.2000		
Titanium	12	10	0.3811	0.0100	1.8440		
Zinc	12	12	1.0161	0.4500	2.1820		
All Metals and Elements	177	107					

LO-BOK, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.6780	0.6780	0.6780		
Arsenic	1	0					
Boron	1	1	2.0400	2.0400	2.0400		
Cadmium	1	1	0.0104	0.0104	0.0104		
Chromium	1	0					
Copper	1	1	0.3470	0.3470	0.3470		
Iron	1	1	2.7280	2.7280	2.7280		
Lead	1	1	0.0231	0.0231	0.0231		
Manganese	1	1	3.2950	3.2950	3.2950		
Mercury	1	0					
Nickel	1	1	0.0500	0.0500	0.0500		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.4570	0.4570	0.4570		
Zinc	1	1	2.4840	2.4840	2.4840		
All Metals and Elements	15	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

LONGAN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	1	0.3880	0.3880	0.3880		
Arsenic	2	1	0.0176	0.0176	0.0176		
Boron	2	2	1.7665	1.6640	1.8690		
Cadmium	2	1	0.0046	0.0046	0.0046		
Chromium	2	0					
Copper	2	2	0.7430	0.5910	0.8950		
Iron	2	2	2.5505	2.2780	2.8230		
Lead	2	1	0.0099	0.0099	0.0099		
Manganese	2	2	1.0355	0.5780	1.4930		
Mercury	2	0					
Nickel	2	2	0.0770	0.0670	0.0870		
Selenium	2	0					
Tin	2	0					
Titanium	2	2	0.1805	0.1670	0.1940		
Zinc	2	2	1.5440	1.5360	1.5520		
All Metals and Elements	30	18					

LYCHEE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	2	0.1990	0.1980	0.2000		
Arsenic	5	0					
Boron	5	5	1.5378	1.1560	2.1430		1
Cadmium	5	4	0.0050	0.0034	0.0079		
Chromium	5	1	0.0220	0.0220	0.0220		
Copper	5	5	2.1190	1.0390	4.2790		
Iron	5	5	2.6828	1.8000	4.7930		
Lead	5	2	0.0086	0.0035	0.0136		
Manganese	5	5	1.6290	1.1640	2.4670		
Mercury	4	0					
Nickel	5	5	0.0616	0.0310	0.1120		
Selenium	5	0					
Tin	5	0					
Titanium	5	4	0.1868	0.1090	0.3900		
Zinc	5	5	2.3606	1.4800	3.7490		
All Metals and Elements	74	43					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MANGO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	9	0.3807	0.1460	0.7000		
Arsenic	13	2	0.0130	0.0060	0.0200		
Boron	13	13	1.3920	0.5490	2.3500		
Cadmium	13	4	0.0097	0.0038	0.0211		
Chromium	13	8	0.0409	0.0110	0.1400		
Copper	13	13	0.7049	0.2790	1.2590		
Iron	13	13	1.9185	0.8110	7.2000		
Lead	13	0					
Manganese	13	13	1.9112	0.3350	6.1500		
Mercury	9	0					
Nickel	13	9	0.0440	0.0130	0.1200		
Selenium	13	2	0.0265	0.0200	0.0330		
Tin	13	8	0.0540	0.0230	0.0820		
Titanium	13	7	0.1887	0.0600	0.3140		
Zinc	13	13	0.8324	0.3000	2.0000		
All Metals and Elements	191	114					

MANGOSTEEN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.2570	0.1140	0.4000		
Arsenic	2	2	0.0078	0.0055	0.0100		
Boron	2	2	1.1595	0.9190	1.4000		
Cadmium	2	2	0.0273	0.0245	0.0300		
Chromium	2	2	0.0370	0.0300	0.0440		
Copper	2	2	1.4785	1.1600	1.7970		
Iron	2	2	2.3435	1.8870	2.8000		
Lead	2	1	0.0100	0.0100	0.0100		
Manganese	2	2	5.6440	5.0700	6.2180		
Mercury	1	0					
Nickel	2	2	0.1440	0.1100	0.1780		
Selenium	2	1	0.0220	0.0220	0.0220		
Tin	2	0					
Titanium	2	1	0.1020	0.1020	0.1020		
Zinc	2	2	5.5225	2.0950	8.9500		
All Metals and Elements	29	23					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MELON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	31	15	0.3819	0.1060	2.3740		
Arsenic	31	12	0.0159	0.0065	0.0647		
Boron	31	30	1.5524	0.4000	3.0000		
Cadmium	31	19	0.0097	0.0022	0.0300		
Chromium	31	15	0.0357	0.0100	0.1340		
Copper	31	27	0.3248	0.1200	0.8370		
Iron	31	27	2.2667	0.7000	8.4000		
Lead	31	4	0.1899	0.0023	0.7500		1
Manganese	31	30	0.4905	0.2110	0.9000		
Mercury	20	0					
Nickel	31	21	0.0570	0.0180	0.1160		
Selenium	31	1	0.0300	0.0300	0.0300		
Tin	31	5	0.3628	0.0210	1.6900		
Titanium	31	23	0.1316	0.0100	0.2210		
Zinc	31	31	1.0142	0.2700	3.6400		
All Metals and Elements	454	260					1

MINT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	38.7700	38.7700	38.7700		1
Arsenic	1	1	0.0183	0.0183	0.0183		
Boron	1	1	3.2310	3.2310	3.2310		
Cadmium	1	1	0.0021	0.0021	0.0021		
Chromium	1	1	0.1220	0.1220	0.1220		
Copper	1	1	2.0860	2.0860	2.0860		
Iron	1	1	45.6300	45.6300	45.6300		1
Lead	1	1	0.0633	0.0633	0.0633		
Manganese	1	1	8.9290	8.9290	8.9290		
Mercury	1	0					
Nickel	1	1	0.2950	0.2950	0.2950		
Selenium	1	1	0.0210	0.0210	0.0210		
Tin	1	1	0.0900	0.0900	0.0900		
Titanium	1	1	2.3190	2.3190	2.3190		
Zinc	1	1	3.2970	3.2970	3.2970		
All Metals and Elements	15	14					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MUSHROOM, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	16	14	3.0633	0.1860	24.5500		1
Arsenic	16	14	0.0403	0.0051	0.1585		
Boron	16	13	2.0662	0.1940	6.1900		2
Cadmium	16	12	0.0255	0.0021	0.1625		1
Chromium	16	9	0.2319	0.0120	1.9000		
Copper	16	15	1.8409	0.4840	4.2100		
Iron	16	16	5.4643	1.6250	18.6500		
Lead	16	9	0.0196	0.0027	0.1100		
Manganese	16	16	1.2769	0.0800	3.1520		
Mercury	14	0					
Nickel	16	5	0.0270	0.0150	0.0580		
Selenium	16	10	0.1860	0.0200	0.8900		
Tin	16	6	1.0008	0.0210	5.1110		
Titanium	16	7	0.4147	0.1050	1.2430		
Zinc	16	16	5.0554	0.5500	13.3000		
All Metals and Elements	238	162					4

NAGAIMO-ROOT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.6000	1.6000	1.6000		
Arsenic	1	0					
Boron	1	1	0.8000	0.8000	0.8000		
Cadmium	1	1	0.0100	0.0100	0.0100		
Chromium	1	0					
Copper	1	1	0.5700	0.5700	0.5700		
Iron	1	1	6.0000	6.0000	6.0000		
Lead	1	0					
Manganese	1	1	0.2600	0.2600	0.2600		
Nickel	1	1	0.1100	0.1100	0.1100		
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	2.1000	2.1000	2.1000		
All Metals and Elements	14	8					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

NECTARINE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	15	13	0.8586	0.1060	3.8000		
Arsenic	15	2	0.0069	0.0061	0.0076		
Boron	15	15	6.2551	0.9580	12.8800		10
Cadmium	15	3	0.0033	0.0023	0.0047		
Chromium	15	8	0.0258	0.0110	0.0480		
Copper	15	15	0.9154	0.3530	1.6220		
Iron	15	15	3.2375	0.9590	11.9000		
Lead	15	2	0.0063	0.0025	0.0100		
Manganese	15	15	1.1099	0.2770	5.5400		
Mercury	11	0					
Nickel	15	15	0.0644	0.0170	0.1720		
Selenium	15	0					
Tin	15	8	0.0341	0.0210	0.0640		
Titanium	15	14	0.2555	0.0200	0.8720		
Zinc	15	15	1.7932	0.5200	5.0100		
All Metals and Elements	221	140					10

OLIVES, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.7470	0.7470	0.7470		
Arsenic	1	0					
Boron	1	1	2.4330	2.4330	2.4330		
Cadmium	1	0					
Chromium	1	1	0.0220	0.0220	0.0220		
Copper	1	1	2.0400	2.0400	2.0400		
Iron	1	1	4.2940	4.2940	4.2940		
Lead	1	0					
Manganese	1	1	0.9760	0.9760	0.9760		
Mercury	1	0					
Nickel	1	1	0.1880	0.1880	0.1880		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.3470	0.3470	0.3470		
Zinc	1	1	2.6470	2.6470	2.6470		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ONION, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	15	8	1.4865	0.1510	9.6940		
Arsenic	15	3	0.0075	0.0054	0.0110		
Boron	15	14	1.5279	0.1140	4.4000		
Cadmium	15	10	0.0140	0.0023	0.0400		
Chromium	15	4	0.0515	0.0140	0.1040		
Copper	15	12	0.6995	0.1510	1.3730		
Iron	15	14	3.2121	1.1240	14.2200		
Lead	15	3	0.0033	0.0026	0.0040		
Manganese	15	15	1.5899	0.3100	8.5190		
Mercury	10	0					
Nickel	15	12	0.0645	0.0150	0.2300		
Selenium	15	1	0.0240	0.0240	0.0240		
Tin	15	4	0.0398	0.0200	0.0690		
Titanium	15	10	0.3101	0.1300	0.6270		
Zinc	15	15	1.9834	0.4970	5.8200		
All Metals and Elements	220	125					

ONION, FRESH GREEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	3	10.6600	6.6000	15.4800		1
Arsenic	4	2	0.0190	0.0110	0.0270		
Boron	4	4	1.9743	0.5100	2.7870		
Cadmium	4	3	0.0148	0.0060	0.0320		
Chromium	4	4	0.0383	0.0110	0.0620		
Copper	4	3	0.4303	0.2500	0.5900		
Iron	4	4	15.1315	1.4660	32.5600		
Lead	4	2	0.0830	0.0090	0.1570		
Manganese	4	4	2.4988	0.7230	3.9620		
Mercury	1	0					
Nickel	4	4	0.0650	0.0200	0.1050		
Selenium	4	1	0.0240	0.0240	0.0240		
Tin	4	2	0.2015	0.0030	0.4000		
Titanium	4	3	0.3627	0.2560	0.4600		
Zinc	4	4	7.7833	0.7130	27.0300		1
All Metals and Elements	57	43					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ORANGE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	119	97	0.7150	0.1100	27.1700		1
Arsenic	119	13	0.0073	0.0050	0.0100		
Boron	119	119	2.3915	0.7000	7.4000		4
Cadmium	119	12	0.0460	0.0036	0.3918		1
Chromium	119	53	0.0551	0.0100	0.6110		
Copper	119	99	0.5544	0.2290	1.9400		
Iron	119	119	2.7960	0.9000	37.5900		
Lead	119	32	0.0724	0.0024	1.6100		2
Manganese	119	117	0.7029	0.1500	12.1900		
Mercury	80	0					
Nickel	119	91	0.0625	0.0110	1.1300		1
Selenium	119	3	0.0200	0.0200	0.0200		
Tin	119	41	0.0880	0.0200	0.4230		
Titanium	119	85	0.2724	0.0100	1.8950		
Zinc	119	119	1.2397	0.2000	30.0000		1
All Metals and Elements	1746	1000					10

PAPAYA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	18	12	0.8652	0.1080	4.3000		
Arsenic	18	4	0.0200	0.0100	0.0300		
Boron	18	17	2.2954	0.9450	5.9000		1
Cadmium	18	5	0.0104	0.0022	0.0200		
Chromium	18	10	0.2177	0.0130	1.7990		
Copper	18	14	0.4141	0.1640	1.1200		
Iron	18	17	4.0890	0.8180	13.1000		
Lead	18	3	0.0150	0.0010	0.0400		
Manganese	18	17	0.7855	0.1340	3.4600		
Mercury	9	0					
Nickel	18	14	0.0912	0.0130	0.3500		
Selenium	18	5	0.0190	0.0020	0.0430		
Tin	18	4	0.0378	0.0220	0.0440		
Titanium	18	8	0.1459	0.0250	0.2650		
Zinc	18	18	2.7878	0.2560	29.2700		1
All Metals and Elements	261	148					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PASSIONFRUIT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	3	0.1963	0.1210	0.3330		
Arsenic	4	0					
Boron	4	3	1.9407	1.5680	2.2560		
Cadmium	4	3	0.0090	0.0067	0.0120		
Chromium	4	2	0.6755	0.0200	1.3310		
Copper	4	3	1.4830	1.0660	1.7780		
Iron	4	3	6.9920	4.4600	10.2800		
Lead	4	0					
Manganese	4	3	2.4540	2.2850	2.7340		
Mercury	4	0					
Nickel	4	3	0.1187	0.0870	0.1590		
Selenium	4	0					
Tin	4	0					
Titanium	4	3	0.2070	0.1760	0.2370		
Zinc	4	3	6.5163	4.8160	7.3680		
All Metals and Elements	60	29					

PEA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	31	30	2.4468	0.2730	12.7000		1
Arsenic	31	4	0.0122	0.0087	0.0200		
Boron	31	31	2.2221	0.8750	6.1000		3
Cadmium	31	13	0.0101	0.0041	0.0300		
Chromium	31	25	0.0302	0.0120	0.1000		
Copper	31	30	0.7862	0.3410	1.5300		
Iron	31	31	10.3047	1.6000	27.1000		
Lead	31	19	0.0083	0.0030	0.0343		
Manganese	31	31	4.8716	0.6800	19.6400		3
Mercury	21	0					
Nickel	31	30	0.2343	0.0200	1.7400		1
Selenium	31	4	0.0250	0.0200	0.0400		
Tin	31	7	0.0617	0.0210	0.2540		
Titanium	31	25	0.6055	0.0500	2.1530		
Zinc	31	31	4.4211	1.3180	10.6000		
All Metals and Elements	455	311					8

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEACH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	23	19	1.2745	0.2000	7.9000		
Arsenic	23	5	0.0054	0.0020	0.0068		
Boron	23	23	5.4805	3.0050	8.5000		12
Cadmium	23	1	0.0023	0.0023	0.0023		
Chromium	23	13	0.0257	0.0110	0.0630		
Copper	23	21	0.8476	0.3300	1.6830		
Iron	23	23	3.0430	1.3760	8.5840		
Lead	23	9	0.0145	0.0029	0.0913		
Manganese	23	23	0.6455	0.3700	1.7200		
Mercury	15	0					
Nickel	23	21	0.0646	0.0220	0.1280		
Selenium	23	0					
Tin	23	5	0.0358	0.0230	0.0530		
Titanium	23	20	0.1822	0.0200	0.3810		
Zinc	23	23	3.2969	0.6820	18.2300		
All Metals and Elements	337	206					12

PEAR, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	57	50	0.5804	0.0900	3.5120		
Arsenic	57	11	0.0099	0.0051	0.0200		
Boron	57	57	3.4341	0.3000	10.7000		9
Cadmium	57	7	0.0096	0.0021	0.0339		
Chromium	57	25	0.0347	0.0100	0.2600		
Copper	57	50	0.8854	0.3250	1.8290		
Iron	57	55	1.7361	0.6550	7.8890		
Lead	57	18	0.0066	0.0010	0.0179		
Manganese	57	56	1.7953	0.1200	46.1000		2
Mercury	35	0					
Nickel	57	48	0.1028	0.0100	1.0200		1
Selenium	57	1	0.0300	0.0300	0.0300		
Tin	57	15	0.0551	0.0200	0.1840		
Titanium	57	35	0.1463	0.0200	0.3870		
Zinc	57	57	1.4889	0.3120	20.4300		1
All Metals and Elements	833	485					13

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEAR, FRESH ASIAN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	9	0.2793	0.1120	1.1000		
Arsenic	11	0					
Boron	11	11	3.5521	1.7470	7.7230		2
Cadmium	11	1	0.0041	0.0041	0.0041		
Chromium	11	7	0.0757	0.0110	0.3870		
Copper	11	11	0.6763	0.4990	0.9400		
Iron	11	8	1.1970	0.6720	2.3610		
Lead	11	0					
Manganese	11	11	0.6815	0.4510	1.0400		
Mercury	8	0					
Nickel	11	8	0.0415	0.0230	0.1080		
Selenium	11	0					
Tin	11	6	0.1208	0.0350	0.2300		
Titanium	11	7	0.1370	0.1130	0.1840		
Zinc	11	11	0.5661	0.3340	0.8500		
All Metals and Elements	162	90					2

PEPPER, FRESH HOT							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	4	2.5468	0.2970	7.3070		
Arsenic	5	0					
Boron	5	5	1.5632	0.8700	2.4000		
Cadmium	5	3	0.0093	0.0054	0.0144		
Chromium	5	4	0.0390	0.0240	0.0520		
Copper	5	5	1.1520	0.5440	1.7180		
Iron	5	5	6.3344	3.3490	9.7370		
Lead	5	2	0.0043	0.0029	0.0056		
Manganese	5	5	1.4576	0.7640	2.4000		
Mercury	3	0					
Nickel	5	5	0.0528	0.0350	0.0770		
Selenium	5	0					
Tin	5	0					
Titanium	5	4	0.3048	0.0300	0.7050		
Zinc	5	5	1.6172	0.7310	2.4000		
All Metals and Elements	73	47					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEPPER, FRESH SWEET							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	41	26	0.6301	0.1170	3.8000		
Arsenic	41	3	0.0117	0.0050	0.0200		
Boron	41	40	1.2627	0.4150	4.2000		
Cadmium	41	22	0.0162	0.0022	0.0700		
Chromium	41	19	0.0245	0.0100	0.0600		
Copper	41	37	0.6311	0.1850	1.6500		
Iron	41	40	4.2590	1.4000	13.3000		
Lead	41	3	0.0290	0.0033	0.0800		
Manganese	41	41	1.3000	0.2400	4.2600		
Mercury	20	0					
Nickel	41	19	0.1316	0.0160	0.7000		
Selenium	41	3	0.0483	0.0200	0.1000		
Tin	41	9	0.0474	0.0220	0.0890		
Titanium	41	26	0.1702	0.0100	0.3860		
Zinc	41	41	1.6554	0.5490	4.7200		
All Metals and Elements	594	329					

PERSIMMON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	6	5	0.1864	0.1140	0.4000		
Arsenic	6	1	0.0200	0.0200	0.0200		
Boron	6	6	2.2677	1.1500	3.8000		
Cadmium	6	1	0.0100	0.0100	0.0100		
Chromium	6	2	0.0800	0.0700	0.0900		
Copper	6	6	0.3217	0.1460	0.5300		
Iron	6	6	2.4760	1.1000	6.4000		
Lead	6	1	0.0026	0.0026	0.0026		
Manganese	6	6	4.7398	0.6070	10.2900		1
Mercury	4	0					
Nickel	6	6	0.2910	0.0750	1.0800		1
Selenium	6	0					
Tin	6	1	0.0440	0.0440	0.0440		
Titanium	6	5	0.2278	0.0500	0.2920		
Zinc	6	6	2.9860	0.3690	13.5900		
All Metals and Elements	88	52					2

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PHYSALIS, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.9060	0.1120	1.7000		
Arsenic	2	0					
Boron	2	2	1.3405	0.8810	1.8000		
Cadmium	2	1	0.0025	0.0025	0.0025		
Chromium	2	1	0.0400	0.0400	0.0400		
Copper	2	2	1.8775	1.3550	2.4000		
Iron	2	2	9.0655	5.5310	12.6000		
Lead	2	1	0.0100	0.0100	0.0100		
Manganese	2	2	2.8535	1.7570	3.9500		
Mercury	1	0					
Nickel	2	1	0.0590	0.0590	0.0590		
Selenium	2	0					
Tin	2	0					
Titanium	2	1	0.3730	0.3730	0.3730		
Zinc	2	2	4.3790	2.4980	6.2600		
All Metals and Elements	29	17					

PINEAPPLE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	24	13	0.3420	0.1030	0.9000		
Arsenic	24	2	0.0108	0.0100	0.0115		
Boron	24	22	0.8830	0.3620	2.2000		
Cadmium	24	8	0.0111	0.0024	0.0413		
Chromium	24	7	0.0277	0.0120	0.0600		
Copper	24	22	0.7400	0.1530	1.6720		
Iron	24	23	1.9692	0.6000	9.2000		
Lead	24	1	0.0100	0.0100	0.0100		
Manganese	24	24	10.0804	0.3250	36.5000		5
Mercury	19	0					
Nickel	24	19	0.2088	0.0150	2.1160		1
Selenium	24	0					
Tin	24	6	0.0505	0.0270	0.1060		
Titanium	24	7	0.1226	0.1010	0.1820		
Zinc	24	24	1.0437	0.4620	3.9400		
All Metals and Elements	355	178					6

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PLANTAIN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	2	0.2465	0.2340	0.2590		
Arsenic	3	0					
Boron	3	3	1.9627	1.7560	2.0690		
Cadmium	3	0					
Chromium	3	1	0.1980	0.1980	0.1980		
Copper	3	3	0.8147	0.7680	0.8840		
Iron	3	3	4.4330	2.8820	7.4840		
Lead	3	0					
Manganese	3	3	1.5610	1.4390	1.7090		
Mercury	3	0					
Nickel	3	2	0.0590	0.0210	0.0970		
Selenium	3	0					
Tin	3	1	0.0460	0.0460	0.0460		
Titanium	3	1	0.1730	0.1730	0.1730		
Zinc	3	3	2.0187	1.6160	2.2660		
All Metals and Elements	45	22					

PLUM, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	8	7	1.3811	0.1910	5.2000		
Arsenic	8	0					
Boron	8	8	5.0094	2.9670	6.9000		4
Cadmium	8	0					
Chromium	8	7	0.0420	0.0140	0.1500		
Copper	8	5	0.7216	0.3500	1.0700		
Iron	8	8	2.4621	1.1310	4.0340		
Lead	8	0					
Manganese	8	8	1.1210	0.3000	3.7400		
Mercury	3	0					
Nickel	8	4	0.0498	0.0200	0.1080		
Selenium	8	0					
Tin	8	1	0.0370	0.0370	0.0370		
Titanium	8	4	0.1913	0.0200	0.2560		
Zinc	8	8	1.0528	0.6990	1.6900		
All Metals and Elements	115	60					4

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

POMEGRANATE, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	1	0.0052	0.0052	0.0052		
Boron	1	1	3.7470	3.7470	3.7470		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	1.5190	1.5190	1.5190		
Iron	1	1	3.4760	3.4760	3.4760		
Lead	1	0					
Manganese	1	1	1.2780	1.2780	1.2780		
Mercury	1	0					
Nickel	1	1	0.0320	0.0320	0.0320		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.4110	0.4110	0.4110		
Zinc	1	1	2.4890	2.4890	2.4890		
All Metals and Elements	15	8					

POMELO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	3	0.2403	0.1010	0.3200		
Arsenic	5	1	0.0100	0.0100	0.0100		
Boron	5	5	1.7410	1.0760	2.1000		
Cadmium	5	1	0.0100	0.0100	0.0100		
Chromium	5	2	0.0340	0.0280	0.0400		
Copper	5	5	0.5254	0.3780	0.6650		
Iron	5	5	3.0520	1.5760	7.1000		
Lead	5	0					
Manganese	5	5	0.3094	0.1800	0.5160		
Mercury	3	0					
Nickel	5	5	0.1892	0.0220	0.5300		
Selenium	5	0					
Tin	5	3	0.0687	0.0320	0.1250		
Titanium	5	3	0.2517	0.2420	0.2700		
Zinc	5	5	1.1582	0.7320	1.7000		
All Metals and Elements	73	43					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

POTATO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	42	35	2.8692	0.1760	14.6000		3
Arsenic	42	14	0.0130	0.0053	0.0800		
Boron	42	36	1.2644	0.3000	2.6000		
Cadmium	42	36	0.0398	0.0022	0.1098		1
Chromium	42	21	0.0530	0.0100	0.3410		
Copper	42	35	1.0286	0.3080	1.7200		
Iron	42	36	7.1251	0.9410	27.5000		
Lead	42	17	0.0188	0.0023	0.1600		
Manganese	42	42	1.6045	0.3000	5.1810		
Mercury	26	0					
Nickel	42	29	0.0964	0.0170	0.3070		
Selenium	42	1	0.0010	0.0010	0.0010		
Tin	42	7	0.0684	0.0050	0.1160		
Titanium	42	29	0.4527	0.0290	1.4810		
Zinc	42	41	3.1190	0.4280	24.6600		1
All Metals and Elements	614	379					5

PUMPKIN, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	1	1.1000	1.1000	1.1000		
Arsenic	2	1	0.0200	0.0200	0.0200		
Boron	2	2	3.1625	0.3250	6.0000		1
Cadmium	2	1	0.0200	0.0200	0.0200		
Chromium	2	1	0.0500	0.0500	0.0500		
Copper	2	2	0.7530	0.3460	1.1600		
Iron	2	2	5.8010	1.0020	10.6000		
Lead	2	0					
Manganese	2	2	1.6000	0.3600	2.8400		
Mercury	1	0					
Nickel	2	1	0.5300	0.5300	0.5300		
Selenium	2	1	0.0400	0.0400	0.0400		
Tin	2	1	0.0390	0.0390	0.0390		
Titanium	2	1	0.1770	0.1770	0.1770		
Zinc	2	2	2.2590	0.3180	4.2000		
All Metals and Elements	29	18					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RADISH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	7	5.6951	0.2090	14.2000		1
Arsenic	7	3	0.0267	0.0200	0.0400		
Boron	7	7	2.7006	1.2510	5.1000		1
Cadmium	7	5	0.0536	0.0100	0.1000		
Chromium	7	7	0.0321	0.0200	0.0500		
Copper	7	5	0.6930	0.2400	1.5500		
Iron	7	7	9.7416	1.7770	15.9000		
Lead	7	3	0.0216	0.0049	0.0500		
Manganese	7	7	3.0193	0.3520	5.2930		
Mercury	2	0					
Nickel	7	5	0.1120	0.0190	0.1600		
Selenium	7	2	0.0600	0.0500	0.0700		
Tin	7	0					
Titanium	7	4	0.4430	0.0700	0.9700		
Zinc	7	7	15.6797	1.1400	89.0600		1
All Metals and Elements	100	69					3

RASPBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	23	22	3.5873	0.3380	9.3310		
Arsenic	23	10	0.0157	0.0050	0.0300		
Boron	23	22	2.8716	0.8000	7.6000		2
Cadmium	23	13	0.0188	0.0026	0.0836		
Chromium	23	14	0.1409	0.0100	1.6100		
Copper	23	19	1.0532	0.3140	1.9930		
Iron	23	23	8.1675	1.1000	23.8000		
Lead	23	11	0.0167	0.0023	0.0800		
Manganese	23	22	5.2427	0.7500	21.4600		2
Mercury	14	0					
Nickel	23	20	0.1333	0.0130	0.2700		
Selenium	23	1	0.3700	0.3700	0.3700		
Tin	23	5	0.0790	0.0240	0.1460		
Titanium	23	16	0.6416	0.0800	1.9540		
Zinc	23	23	2.9483	0.2600	7.0110		
All Metals and Elements	336	221					4

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SPINACH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	19	19	57.9793	0.6760	413.4000		15
Arsenic	19	14	0.0379	0.0053	0.2693		1
Boron	19	19	3.0670	0.4160	5.5000		1
Cadmium	19	19	0.1101	0.0130	0.2426		
Chromium	19	19	0.2703	0.0120	3.0950		
Copper	19	19	1.2229	0.1290	3.4860		
Iron	19	19	113.6658	2.2220	1020.0000		5
Lead	19	17	0.0607	0.0045	0.3706		1
Manganese	19	19	7.7699	0.7400	19.2400		2
Mercury	11	0					
Nickel	19	18	0.2542	0.0120	3.1410		1
Selenium	19	4	0.0318	0.0230	0.0400		
Tin	19	9	0.0803	0.0210	0.3000		
Titanium	19	18	4.8888	0.1060	22.3000		9
Zinc	19	19	5.8870	0.4280	12.6000		
All Metals and Elements	277	232					35

SQUASH, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	8	0.5776	0.1390	2.5910		
Arsenic	13	2	0.0129	0.0058	0.0200		
Boron	13	13	2.1220	0.9350	4.5000		
Cadmium	13	5	0.0065	0.0024	0.0100		
Chromium	13	3	0.0273	0.0130	0.0500		
Copper	13	13	0.6167	0.2660	1.4990		
Iron	13	13	2.4683	0.7570	8.6000		
Lead	13	5	0.0035	0.0024	0.0051		
Manganese	13	13	1.0556	0.0310	3.4900		
Mercury	12	0					
Nickel	13	12	0.0535	0.0130	0.2100		
Selenium	13	1	0.0400	0.0400	0.0400		
Tin	13	2	0.0335	0.0320	0.0350		
Titanium	13	10	0.2172	0.1280	0.3170		
Zinc	13	13	1.4962	0.2200	4.7000		
All Metals and Elements	194	113					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

STARFRUIT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	0					
Arsenic	4	2	0.0067	0.0053	0.0080		
Boron	4	3	1.1173	0.4530	1.5990		
Cadmium	4	2	0.0111	0.0110	0.0112		
Chromium	4	1	0.0200	0.0200	0.0200		
Copper	4	3	0.4103	0.2060	0.5600		
Iron	4	4	1.4913	0.5000	2.3060		
Lead	4	2	0.0051	0.0036	0.0065		
Manganese	4	4	1.4408	0.9130	1.9300		
Mercury	2	0					
Nickel	4	3	0.2650	0.0800	0.5900		
Selenium	4	0					
Tin	4	1	0.0200	0.0200	0.0200		
Titanium	4	2	0.0565	0.0100	0.1030		
Zinc	4	4	2.2140	1.8600	2.9200		
All Metals and Elements	58	31					

STRAWBERRY, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	35	32	5.9206	0.5000	38.4200		4
Arsenic	35	14	0.0129	0.0050	0.0606		
Boron	35	35	2.1100	1.0000	3.9000		
Cadmium	35	22	0.0190	0.0021	0.0648		
Chromium	35	28	0.0369	0.0100	0.1400		
Copper	35	33	0.7341	0.2130	3.0400		
Iron	35	35	9.3703	2.0000	34.6600		
Lead	35	20	0.0081	0.0022	0.0500		
Manganese	35	35	5.5902	0.3300	19.4000		3
Mercury	19	0					
Nickel	35	26	0.0618	0.0130	0.2300		
Selenium	35	1	0.0500	0.0500	0.0500		
Tin	35	9	0.0466	0.0240	0.0820		
Titanium	35	27	0.6297	0.0100	2.8400		
Zinc	35	35	1.4818	0.5770	8.2600		
All Metals and Elements	509	352					7

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SWEET POTATO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	15	14	4.0489	0.6450	10.6500		1
Arsenic	15	8	0.0124	0.0059	0.0220		
Boron	15	14	1.3468	0.7060	2.0470		
Cadmium	15	9	0.0061	0.0026	0.0098		
Chromium	15	11	0.0334	0.0120	0.1400		
Copper	15	14	1.2519	0.6080	1.9940		
Iron	15	14	5.4854	2.8540	8.1340		
Lead	15	12	0.0142	0.0022	0.0637		
Manganese	15	15	2.9317	0.2980	13.3400		1
Mercury	13	0					
Nickel	15	14	0.1001	0.0130	0.6820		
Selenium	15	1	0.0420	0.0420	0.0420		
Tin	15	1	0.3090	0.3090	0.3090		
Titanium	15	14	0.4814	0.2000	1.2060		
Zinc	15	15	1.9045	0.8000	4.1640		
All Metals and Elements	223	156					2

TARO ROOT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	1.4717	0.9660	2.0490		
Arsenic	3	2	0.0081	0.0080	0.0082		
Boron	3	3	1.5580	0.6450	3.2000		
Cadmium	3	2	0.1346	0.0813	0.1878		1
Chromium	3	3	0.0963	0.0340	0.2050		
Copper	3	3	1.9310	1.4800	2.5100		
Iron	3	3	7.1667	5.3380	8.3620		
Lead	3	2	0.0385	0.0033	0.0737		
Manganese	3	3	4.6630	2.5300	5.9350		
Mercury	2	0					
Nickel	3	3	0.4677	0.0900	0.8560		
Selenium	3	0					
Tin	3	1	0.0580	0.0580	0.0580		
Titanium	3	2	0.6165	0.4000	0.8330		
Zinc	3	3	6.4260	2.6180	11.6900		
All Metals and Elements	44	33					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

THYME, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	60.3400	60.3400	60.3400		1
Arsenic	1	1	0.0122	0.0122	0.0122		
Boron	1	1	1.8820	1.8820	1.8820		
Cadmium	1	1	0.0151	0.0151	0.0151		
Chromium	1	1	0.2260	0.2260	0.2260		
Copper	1	1	1.6120	1.6120	1.6120		
Iron	1	1	78.2700	78.2700	78.2700		1
Lead	1	1	0.0187	0.0187	0.0187		
Manganese	1	1	11.7100	11.7100	11.7100		
Mercury	1	0					
Nickel	1	1	0.2750	0.2750	0.2750		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	3.6230	3.6230	3.6230		1
Zinc	1	1	4.4570	4.4570	4.4570		
All Metals and Elements	15	12					3

TOMATO, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	67	45	0.6734	0.1000	5.1000		
Arsenic	67	6	0.0110	0.0060	0.0200		
Boron	67	64	0.9873	0.3000	2.7000		23
Cadmium	67	42	0.0345	0.0020	0.8900		1
Chromium	67	26	0.3413	0.0100	5.4800		1
Copper	67	60	0.7030	0.2370	1.7610		
Iron	67	67	3.5273	0.9000	11.6000		
Lead	67	12	0.0416	0.0010	0.2200		
Manganese	67	66	1.2383	0.1400	4.1800		
Mercury	41	0					
Nickel	67	34	0.0926	0.0070	0.6310		
Selenium	67	9	0.3887	0.0010	1.7600		2
Tin	67	15	0.0835	0.0060	0.3000		
Titanium	67	47	0.2466	0.0160	0.8810		
Zinc	67	65	1.5542	0.2460	13.9800		
All Metals and Elements	979	558					27

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

WATERMELON, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	21	8	0.3534	0.1340	0.7040		
Arsenic	21	4	0.0102	0.0053	0.0161		
Boron	21	21	1.1581	0.6980	1.9680		
Cadmium	21	7	0.0085	0.0026	0.0300		
Chromium	21	8	0.0545	0.0100	0.2760		
Copper	21	19	0.4926	0.2240	1.3680		
Iron	21	21	2.5750	1.2160	4.7400		
Lead	21	6	0.0032	0.0023	0.0050		
Manganese	21	21	0.5985	0.2090	1.1680		
Mercury	17	0					
Nickel	21	19	0.0441	0.0130	0.1580		
Selenium	21	1	0.0020	0.0020	0.0020		
Tin	21	8	0.0439	0.0230	0.0690		
Titanium	21	16	0.1796	0.0100	0.3840		
Zinc	21	21	0.9752	0.5830	1.6270		
All Metals and Elements	311	180					

YUCCA/CASSAVA, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.7370	0.3810	1.3070		
Arsenic	3	0					
Boron	3	3	0.6817	0.5360	0.9120		
Cadmium	3	3	0.0106	0.0058	0.0132		
Chromium	3	1	0.0100	0.0100	0.0100		
Copper	3	3	0.7457	0.7270	0.7670		
Iron	3	3	1.5943	1.0910	2.5710		
Lead	3	3	0.0098	0.0081	0.0130		
Manganese	3	3	2.6290	1.2540	3.8300		
Mercury	3	0					
Nickel	3	3	0.0360	0.0140	0.0630		
Selenium	3	0					
Tin	3	1	0.0220	0.0220	0.0220		
Titanium	3	3	0.3233	0.2740	0.3570		
Zinc	3	3	2.6720	1.3750	4.6980		
All Metals and Elements	45	32					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ZUCCHINI, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	4	0.5355	0.1550	0.7980		
Arsenic	4	0					
Boron	4	4	1.3728	0.6250	1.8690		
Cadmium	4	2	0.0143	0.0031	0.0254		
Chromium	4	2	0.0205	0.0200	0.0210		
Copper	4	3	0.3940	0.1940	0.5360		
Iron	4	4	3.9543	2.0300	4.8260		
Lead	4	1	0.0037	0.0037	0.0037		
Manganese	4	4	1.0783	0.7400	1.6490		
Mercury	3	0					
Nickel	4	3	0.0670	0.0500	0.0840		
Selenium	4	0					
Tin	4	1	0.0530	0.0530	0.0530		
Titanium	4	3	0.5530	0.3360	0.8450		
Zinc	4	4	1.6073	0.6590	2.0690		
All Metals and Elements	59	35					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

APRICOT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	NEW ZEALAND	2	Pesticide Screen	2				
PESTICIDE PRETEST	NEW ZEALAND	2	Iprodione	2	0.9450	0.9400	0.9500	

ARTICHOKE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	UNITED STATES	5	Dithiocarbamate					
PESTICIDE PRETEST	UNITED STATES	5	Pesticide Screen	1				
PESTICIDE PRETEST	UNITED STATES	5	Fenvalerate	1	0.0270	0.0270	0.0270	

BEAN, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	MEXICO	5	Pesticide Screen					

BLUEBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL PRETEST	CHILE	6	Benomyl					
PESTICIDE PRETEST	CHILE	11	Pesticide Screen	5				
PESTICIDE PRETEST	CHILE	11	Iprodione	5	0.2924	0.0420	0.6500	4

CHERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	UNITED STATES	4	Pesticide Screen					

CUCUMBER, FRESH

CUCUMBER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	MEXICO	4	Pesticide Screen					

GINGER, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	CHINA	2	Pesticide Screen	2				
PESTICIDE PRETEST	CHINA	2	Captan	2	0.1655	0.0410	0.2900	1

GRAPE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	CHILE	21	Pesticide Screen	1				
PESTICIDE PRETEST	CHILE	21	Chlorpyrifos	1	0.0600	0.0600	0.0600	1
PESTICIDE PRETEST	PERU	2	Pesticide Screen					

GRAPEFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	CHINA	1	Pesticide Screen	1				
PESTICIDE PRETEST	CHINA	1	Prochloraz	1	0.3250	0.3250	0.3250	1

HONEYDEW MELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	MEXICO	4	Pesticide Screen					

KIWIFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE PRETE	CHILE	2	Thiabendazole					

LEEK, FRESH

LEEK, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	MEXICO	5	Dithiocarbamate	2	0.1350	0.1100	0.1600	

LETTUCE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	UNITED STATES	9	Pesticide Screen	2				
PESTICIDE PRETEST	UNITED STATES	9	Cypermethrin	2	0.0490	0.0230	0.0750	

LYCHEE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL PRETEST	CHINA	1	Benomyl					

MANGO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	BRAZIL	1	Pesticide Screen					
THIABENDAZOLE PRETE	BRAZIL	2	Thiabendazole					

MIXED VEGETABLES

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	CHINA	1	Pesticide Screen					

MUSHROOM, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	CHINA	1	Dithiocarbamate	1	0.5600	0.5600	0.5600	
PESTICIDE PRETEST	UNITED STATES	5	Pesticide Screen					

NECTARINE, FRESH

NECTARINE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	CHILE	5	Pesticide Screen					

ORANGE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	JAPAN	5	Dithiocarbamate	3	0.4267	0.3000	0.5200	
EBDC(DC) PRETEST	KOREA, REP	2	Dithiocarbamate					
EBDC(EBDC) PRETEST	CHINA	1	Ethylene Diamine	1	0.0800	0.0800	0.0800	
EBDC(EBDC) PRETEST	JAPAN	5	Ethylene Diamine	5	1.0020	0.3300	1.4800	3
PESTICIDE PRETEST	CHINA	10	Pesticide Screen	3				
PESTICIDE PRETEST	CHINA	10	Prochloraz	3	0.1573	0.0200	0.3600	1
PESTICIDE PRETEST	KOREA, REP	1	Pesticide Screen					
PESTICIDE PRETEST	PERU	5	Pesticide Screen					
PESTICIDE PRETEST	TAIWAN	3	Pesticide Screen	1				
PESTICIDE PRETEST	TAIWAN	3	Fenvalerate	1	0.0800	0.0800	0.0800	

Papaya, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(EBDC) PRETEST	UNITED STATES	3	Ethylene Diamine	3	0.3833	0.2900	0.4900	
EBDC(ETU) PRETEST	MEXICO	1	Ethylene Thiourea	1	0.1300	0.1300	0.1300	1
THIABENDAZOLE PRETE	BRAZIL	5	Thiabendazole	1	0.2200	0.2200	0.2200	1

PEA, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL PRETEST	CHINA	16	Benomyl	2	0.7500	0.5000	1.0000	2
EBDC(DC) PRETEST	CHINA	9	Dithiocarbamate	8	0.3593	0.0840	0.6400	
EBDC(EBDC) PRETEST	CHINA	7	Ethylene Diamine	7	0.2129	0.0300	0.5400	
PESTICIDE PRETEST	GUATEMALA	2	Pesticide Screen					
PESTICIDE PRETEST	MEXICO	3	Pesticide Screen					
PESTICIDE PRETEST	UNITED STATES	2	Pesticide Screen					

PEACH, FRESH

PEACH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
THIABENDAZOLE PRETE	UNITED STATES	1	Thiabendazole					

PEAR, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	ARGENTINA	3	Pesticide Screen					
PESTICIDE PRETEST	UNITED STATES	5	Pesticide Screen					

PEPPER, FRESH SWEET

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	SPAIN	9	Pesticide Screen					

PINEAPPLE, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	COSTA RICA	5	Pesticide Screen					

PLUM, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	CHILE	7	Pesticide Screen	7				
PESTICIDE PRETEST	CHILE	7	Iprodione	7	1.3329	0.3100	2.1700	2

POTATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	UNITED STATES	5	Dithiocarbamate					

RADISH, FRESH

RADISH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(DC) PRETEST	UNITED STATES	1	Dithiocarbamate	1	0.8200	0.8200	0.8200	
PESTICIDE PRETEST	MEXICO	4	Pesticide Screen	3				
PESTICIDE PRETEST	MEXICO	4	Dacthal (chlorthal-dimethyl)	3	0.0270	0.0250	0.0300	
PESTICIDE PRETEST	UNITED STATES	1	Pesticide Screen					

SPINACH, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	UNITED STATES	20	Pesticide Screen	9				
PESTICIDE PRETEST	UNITED STATES	20	Cyfluthrin (I,II,III,IV)	1	0.0480	0.0480	0.0480	
PESTICIDE PRETEST	UNITED STATES	20	Cypermethrin	8	0.2121	0.0440	0.5500	5

STARFRUIT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL PRETEST	MALAYSIA	4	Benomyl					
BENOMYL PRETEST	TAIWAN	2	Benomyl					
PESTICIDE PRETEST	TAIWAN	4	Pesticide Screen					

STRAWBERRY, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	MEXICO	2	Pesticide Screen	1				
PESTICIDE PRETEST	MEXICO	2	Captan	1	0.3300	0.3300	0.3300	
PESTICIDE PRETEST	UNITED STATES	9	Pesticide Screen	7				
PESTICIDE PRETEST	UNITED STATES	9	Captan	4	1.0153	0.3610	1.4240	
PESTICIDE PRETEST	UNITED STATES	9	Fenpropathrin	3	0.1557	0.1020	0.2330	3

SWEET POTATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	UNITED STATES	5	Pesticide Screen					
THIABENDAZOLE PRETE	JAMAICA	2	Thiabendazole					

TOMATO, FRESH

TOMATO, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	MEXICO	2	Pesticide Screen					
PESTICIDE PRETEST	SPAIN	1	Pesticide Screen					

WATERMELON, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDE PRETEST	UNITED STATES	1	Pesticide Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Processed Fruit and Vegetable Commodities
Compliance Summary

5 Year Progression of Chemical Residues

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**
Domestic Product Testing:										
Alar: (as daminozide)										
Various products [1]			100	100.00	72	100.00	58	100.00	335	100.00
Amitraz: (as metabolites)										
Various products [1]			100	100.00	69	100.00	59	100.00	335	100.00
Benomyl										
Various products [1]										
Dithiocarbamate										
Various products [1]			100	100.00						
Ethylene diamine										
Various products [1]			100	100.00						
Ethylene thiourea:										
Various products [1]			159	100.00	168	100.00	160	100.00	335	100.00
Metals and elements:										
Misc. product			2,385		5,566		1,514		224	0.00
Canada has few standards for metals in food in current regulations.										
Mycotoxins:										
Misc. products			30	100.00	52	97.87	94	93.62	123	90.24
Pesticides (multi-residue method):										
Various products [1]			159	100.00	455	100.00	126	100.00	335	100.00
Thiabendazole:										
Various products [1]			159	100.00	334	99.70	144	100.00	335	100.00
Note 1: These products were an assortment of fruit and vegetable based infant foods										
Includes random and suspect samples but compliance rate is based on random portion only										
Domestic processed products were not sampled under the NCRMP in 2007/2008. The results for processed products sampled under the 2007/2008 Children's Food Chemical Residues Project are reported separately.										
Domestic Total	0		3,292		6,719		2,155		2,052	
Imported Product Testing:										
Alar			210	100.00	184	100.00	110	100.00	203	100.00
Amitraz	1	100.00	248	100.00	176	100.00	161	100.00	203	100.00
Benomyl	472	100.00	272	100.00	105	100.00				
Dithiocarbamate			152	100.00	4	100.00	1	100.00	5	100.00
Ethylene diamine	0		152	100.00	4	100.00	1	100.00	4	100.00
Ethlene thiourea	339	99.70	844	99.88	520	100.00	448	100.00	241	100.00
Formetanate	36	100.00	147	100.00	19	100.00				
Metals	7,022		9,433		10,286		3,658		1,106	
Patulin	0		9	100.00	8	100.00	21	100.00	38	94.73
Pesticides (MRA)	474	99.37	785	99.49	973	99.49	335	100.00	324	99.69
TBZ suspect	0		0	0.00	0	0.00	0	0.00	5	0.00
Synthetic pyrethrins	0		1	100.00	0	0.00	19	94.73		
Thiabendazole	92	100.00	425	100.00	461	100.00	335		210	100.00
Import Total	8,436		12,678		12,740		5,089		2,341	
Total Processed Products	8,436		15,970		19,459		7,244		4,393	

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Pesticide Residue Monitoring for Import Processed Fruit & Vegetable Products

Program	Commodity	No.Tests	No. Positives	No. Violations
AMITRAZ	APRICOT, DRIED	1		
BENOMYL	ACKEE, CANNED	1		
BENOMYL	APPLES, CANNED	3	2	
BENOMYL	APRICOT JAM	3		
BENOMYL	APRICOT, CANNED	3		
BENOMYL	ARTICHOKE, CANNED	16	1	
BENOMYL	ASPARAGUS, CANNED	14	2	
BENOMYL	ASPARAGUS, FROZEN	2	1	
BENOMYL	BAMBOO SHOOTS, CANNED	15		
BENOMYL	BANANA BLOSSOM, CANNED	1		
BENOMYL	BANANA, CANNED	2		
BENOMYL	BEAN, CANNED	24	2	
BENOMYL	BEAN, FROZEN	2	1	
BENOMYL	BEETS, CANNED	3		
BENOMYL	BLACKBERRY PULP	1	1	
BENOMYL	BREADFRUIT, CANNED	1		
BENOMYL	BROCCOLI, CANNED	2		
BENOMYL	BROCCOLI, FROZEN	2		
BENOMYL	BRUSSELS SPROUT, FRESH	1		
BENOMYL	CABBAGE, CANNED	1		
BENOMYL	CACTUS SHOOT, CANNED	2		
BENOMYL	CALLALOO, CANNED	1		
BENOMYL	CARROT, CANNED	4		
BENOMYL	CARROT, FROZEN	1		
BENOMYL	CAULIFLOWER, FROZEN	1		
BENOMYL	CELERIAC, CANNED	1		
BENOMYL	CELERY, CANNED	1		
BENOMYL	CHERRY, CANNED	4		
BENOMYL	CHILI, CANNED	1		
BENOMYL	CORN, CANNED	14		
BENOMYL	CORN, FROZEN	1		
BENOMYL	CUCUMBER, CANNED	3		
BENOMYL	CURRENT JAM, CANNED	1		
BENOMYL	EGGPLANT, CANNED	5		
BENOMYL	FIG JAM	1		
BENOMYL	FIG, CANNED	3		
BENOMYL	FRUIT COCKTAIL, CANNED	8	3	
BENOMYL	FRUIT, CANNED	6	2	
BENOMYL	GRAPEFRUIT, CANNED	2		
BENOMYL	GRAPES, CANNED	1	1	
BENOMYL	GUAVA JAM	3		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
BENOMYL	GUAVA, CANNED	4		
BENOMYL	HEART OF PALM, CANNED	15		
BENOMYL	JACKFRUIT, CANNED	6		
BENOMYL	JUICE, APPLE	4		
BENOMYL	JUICE, PINEAPPLE	1		
BENOMYL	JUICE, TOMATO	1		
BENOMYL	KALE, CANNED	3		
BENOMYL	KETCHUP	1		
BENOMYL	LEEK, CANNED	1		
BENOMYL	LEEK, FROZEN	1		
BENOMYL	LONGAN, CANNED	4		
BENOMYL	LOROCO FLOWER, CANNED	1		
BENOMYL	LOTUS ROOT, CANNED	1		
BENOMYL	LYCHEE, CANNED	12	2	
BENOMYL	MANGO, CANNED	13		
BENOMYL	MANGO, FROZEN	1		
BENOMYL	MUSHROOM, CANNED	43	18	
BENOMYL	MUSHROOM, FROZEN	1		
BENOMYL	OKRA, CANNED	2		
BENOMYL	OKRA, FROZEN	1		
BENOMYL	OLIVES, CANNED	9		
BENOMYL	ONION, CANNED	1		
BENOMYL	ORANGE JAM	1		
BENOMYL	ORANGES, CANNED	15		
BENOMYL	PAPAYA, CANNED	1		
BENOMYL	PAPAYA, FROZEN	1		
BENOMYL	PASSIONFRUIT, CANNED	2		
BENOMYL	PEA, CANNED	5		
BENOMYL	PEA, FROZEN	1		
BENOMYL	PEACH NECTAR	2		
BENOMYL	PEACH, CANNED	9	2	
BENOMYL	PEAR NECTAR	2		
BENOMYL	PEAR, CANNED	13	6	
BENOMYL	PEPPER SAUCE	1		
BENOMYL	PEPPERS, CANNED	13		
BENOMYL	PEPPERS, FROZEN	1		
BENOMYL	PEPPERS, HOT, CANNED	2		
BENOMYL	PICKLES, CANNED	12		
BENOMYL	PINEAPPLE AND PAPAYA	1		
BENOMYL	PINEAPPLE NECTAR	1		
BENOMYL	PINEAPPLE, CANNED	28		
BENOMYL	PLUM, CANNED	1		
BENOMYL	POTATO, CANNED	1		

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Program	Commodity	No.Tests	No. Positives	No. Violations
BENOMYL	RADISH, CANNED	2		
BENOMYL	RAMBUTAN, CANNED	2		
BENOMYL	RASPBERRY JAM	2		
BENOMYL	RASPBERRY, FROZEN	1	1	
BENOMYL	REDCURRANT JELLY	1		
BENOMYL	RELISH, CANNED	2		
BENOMYL	RHUBARB, FROZEN	1		
BENOMYL	SALSA SAUCE	1		
BENOMYL	SALSIFY, CANNED	1		
BENOMYL	SALTED LETTUCE IN SOY SAUCE	1		
BENOMYL	SAUERKRAUT, CANNED	2		
BENOMYL	SPINACH, CANNED	4		
BENOMYL	STRAWBERRY JAM	1		
BENOMYL	STRAWBERRY, CANNED	4		
BENOMYL	STRAWBERRY, FROZEN	3	1	
BENOMYL	SUEDOISE SALAD	1		
BENOMYL	SUGAR PALM, CANNED	1		
BENOMYL	SWEET POTATO, CANNED	1		
BENOMYL	TOMATILLOS, CANNED	4		
BENOMYL	TOMATO, CANNED	11		
BENOMYL	VEGETABLE, CANNED	11	1	
BENOMYL	WATER CHESTNUT, CANNED	8		
BENOMYL	WOODAPPLE JAM	1		
BENOMYL	YUCCA/CASSAVA, CANNED	2		
BENOMYL	YUCCA/CASSAVA, FROZEN	1		
BENOMYL	ZUCCHINI, CANNED	2		
BENOMYL	ZUCCHINI, FROZEN	1		
EBDC(ETU)	ACKEE, CANNED	1		
EBDC(ETU)	APPLES, CANNED	3		
EBDC(ETU)	APRICOT JAM	3		
EBDC(ETU)	APRICOT, CANNED	3		
EBDC(ETU)	APRICOT, DRIED	4		
EBDC(ETU)	ARTICHOKE, CANNED	10		
EBDC(ETU)	ASPARAGUS, CANNED	6	3	1
EBDC(ETU)	ASPARAGUS, FROZEN	2		
EBDC(ETU)	BAMBOO SHOOTS, CANNED	9		
EBDC(ETU)	BANANA BLOSSOM, CANNED	1		
EBDC(ETU)	BANANA, CANNED	1		
EBDC(ETU)	BEAN, CANNED	22		
EBDC(ETU)	BEAN, FROZEN	1		
EBDC(ETU)	BEETS, CANNED	3		
EBDC(ETU)	BEGONIA FRUIT, CANNED	1		
EBDC(ETU)	BLACKBERRY PULP	1	1	1

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(ETU)	BLUEBERRY JAM	1		
EBDC(ETU)	BREADFRUIT, CANNED	1		
EBDC(ETU)	CABBAGE, CANNED	1		
EBDC(ETU)	CACTUS SHOOT, CANNED	2		
EBDC(ETU)	CALLALOO, CANNED	1		
EBDC(ETU)	CARROT, CANNED	3		
EBDC(ETU)	CARROT, FROZEN	1		
EBDC(ETU)	CAULIFLOWER, FROZEN	1		
EBDC(ETU)	CELERIAC, CANNED	1		
EBDC(ETU)	CHERRY, CANNED	3		
EBDC(ETU)	CHILI, CANNED	1		
EBDC(ETU)	CORN, CANNED	12		
EBDC(ETU)	CUCUMBER, CANNED	2		
EBDC(ETU)	DRUMSTICKS, CANNED	1		
EBDC(ETU)	EGGPLANT, CANNED	2		
EBDC(ETU)	FIG JAM	1		
EBDC(ETU)	FIG, CANNED	2		
EBDC(ETU)	FRUIT COCKTAIL, CANNED	7		
EBDC(ETU)	FRUIT, CANNED	4		
EBDC(ETU)	GINGER, VINEGAR CANNED	1		
EBDC(ETU)	GUAVA JAM	2		
EBDC(ETU)	GUAVA, CANNED	4		
EBDC(ETU)	HEART OF PALM, CANNED	10		
EBDC(ETU)	JACKFRUIT, CANNED	3		
EBDC(ETU)	JUICE, APPLE	1		
EBDC(ETU)	JUICE, PINEAPPLE	1		
EBDC(ETU)	JUICE, TOMATO	1		
EBDC(ETU)	KALE, CANNED	3		
EBDC(ETU)	LEEK, CANNED	1		
EBDC(ETU)	LEEK, FROZEN	1		
EBDC(ETU)	LONGAN, CANNED	2		
EBDC(ETU)	LOROCO FLOWER, CANNED	1		
EBDC(ETU)	LYCHEE, CANNED	9		
EBDC(ETU)	MANGO JAM, CANNED	1		
EBDC(ETU)	MANGO, CANNED	3		
EBDC(ETU)	MANGO, FROZEN	1		
EBDC(ETU)	MARMALADE	1		
EBDC(ETU)	MUSHROOM, CANNED	32		
EBDC(ETU)	OKRA, CANNED	3		
EBDC(ETU)	OLIVES, CANNED	7		
EBDC(ETU)	ONION, CANNED	1		
EBDC(ETU)	ORANGES, CANNED	10		
EBDC(ETU)	PAPAYA, FROZEN	1	1	

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Program	Commodity	No.Tests	No. Positives	No. Violations
EBDC(ETU)	PASSIONFRUIT, CANNED	1		
EBDC(ETU)	PEA, CANNED	3		
EBDC(ETU)	PEA, FROZEN	1		
EBDC(ETU)	PEACH NECTAR	2		
EBDC(ETU)	PEACH, CANNED	6		
EBDC(ETU)	PEAR NECTAR	1		
EBDC(ETU)	PEAR, CANNED	11		
EBDC(ETU)	PEPPER SAUCE	1		
EBDC(ETU)	PEPPERS, CANNED	12		
EBDC(ETU)	PEPPERS, FROZEN	1		
EBDC(ETU)	PEPPERS, HOT, CANNED	4		
EBDC(ETU)	PICKLES, CANNED	10		
EBDC(ETU)	PINEAPPLE AND PAPAYA	1		
EBDC(ETU)	PINEAPPLE NECTAR	1		
EBDC(ETU)	PINEAPPLE, CANNED	12		
EBDC(ETU)	PLUM, CANNED	1		
EBDC(ETU)	PUMPKIN, CANNED	1		
EBDC(ETU)	RADISH, CANNED	2		
EBDC(ETU)	RASPBERRY JAM	2		
EBDC(ETU)	RASPBERRY, FROZEN	1		
EBDC(ETU)	REDCURRANT JELLY	1		
EBDC(ETU)	RELISH, CANNED	3		
EBDC(ETU)	SALSA SAUCE	1		
EBDC(ETU)	SALSIFY, CANNED	1		
EBDC(ETU)	SALTED LETTUCE IN SOY SAUCE	1		
EBDC(ETU)	SAUERKRAUT, CANNED	1		
EBDC(ETU)	SPINACH, CANNED	3		
EBDC(ETU)	STRAWBERRY JAM	1		
EBDC(ETU)	STRAWBERRY, CANNED	4		
EBDC(ETU)	STRAWBERRY, FROZEN	2		
EBDC(ETU)	TOMATILLOS, CANNED	3		
EBDC(ETU)	TOMATO, CANNED	9		
EBDC(ETU)	VEGETABLE, CANNED	8		
EBDC(ETU)	WATER CHESTNUT, CANNED	4		
EBDC(ETU)	WOODAPPLE JAM	1		
EBDC(ETU)	YUCCA/CASSAVA, CANNED	2		
EBDC(ETU)	YUCCA/CASSAVA, FROZEN	1		
EBDC(ETU)	ZUCCHINI, FROZEN	1		
FORMETANATE	APPLES, CANNED	1		
FORMETANATE	BANANA, CANNED	1		
FORMETANATE	BREADFRUIT, CANNED	1		
FORMETANATE	CHERRY, CANNED	1		
FORMETANATE	CORN, CANNED	1		

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Program	Commodity	No.Tests	No. Positives	No. Violations
FORMETANATE	FRUIT COCKTAIL, CANNED	1		
FORMETANATE	FRUIT, CANNED	2		
FORMETANATE	GUAVA, CANNED	2		
FORMETANATE	HEART OF PALM, CANNED	1		
FORMETANATE	JACKFRUIT, CANNED	1		
FORMETANATE	LONGAN, CANNED	2		
FORMETANATE	LYCHEE, CANNED	2		
FORMETANATE	MANGO, CANNED	1		
FORMETANATE	ORANGES, CANNED	6		
FORMETANATE	PEACH NECTAR	1		
FORMETANATE	PEACH PALM FRUIT, CANNED	1		
FORMETANATE	PEACH, CANNED	1		
FORMETANATE	PEAR NECTAR	1		
FORMETANATE	PEAR, CANNED	3		
FORMETANATE	PINEAPPLE AND PAPAYA	1		
FORMETANATE	PINEAPPLE, CANNED	3		
FORMETANATE	SAUERKRAUT, CANNED	1		
FORMETANATE	YUCCA/CASSAVA, CANNED	1		
PESTICIDES-FPH053	ACKEE, CANNED	1		
PESTICIDES-FPH053	APPLES, CANNED	3	3	
PESTICIDES-FPH053	APRICOT JAM	2		
PESTICIDES-FPH053	APRICOT, CANNED	2	1	
PESTICIDES-FPH053	APRICOT, DRIED	6	4	
PESTICIDES-FPH053	ARTICHOKE, CANNED	16	1	
PESTICIDES-FPH053	ASPARAGUS, CANNED	12	4	
PESTICIDES-FPH053	ASPARAGUS, FROZEN	2	1	
PESTICIDES-FPH053	BAMBOO SHOOTS, CANNED	13	2	
PESTICIDES-FPH053	BANANA BLOSSOM, CANNED	1		
PESTICIDES-FPH053	BANANA, CANNED	1		
PESTICIDES-FPH053	BEAN, CANNED	29	5	
PESTICIDES-FPH053	BEAN, FROZEN	3	3	
PESTICIDES-FPH053	BEETS, CANNED	3	1	
PESTICIDES-FPH053	BEGONIA FRUIT, CANNED	1		
PESTICIDES-FPH053	BLACKBERRY PULP	1	6	
PESTICIDES-FPH053	BREADFRUIT, CANNED	1		
PESTICIDES-FPH053	BROCCOLI, CANNED	2		
PESTICIDES-FPH053	BROCCOLI, FROZEN	2		
PESTICIDES-FPH053	CABBAGE, CANNED	2	2	
PESTICIDES-FPH053	CACTUS SHOOT, CANNED	1		
PESTICIDES-FPH053	CALLALOO, CANNED	1		
PESTICIDES-FPH053	CARROT, CANNED	4		
PESTICIDES-FPH053	CARROT, FROZEN	1		
PESTICIDES-FPH053	CAULIFLOWER, FROZEN	1		

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Program	Commodity	No.Tests	No. Positives	No. Violations
PESTICIDES-FPH053	CELERIAC, CANNED	1		
PESTICIDES-FPH053	CHERRY, CANNED	4	1	
PESTICIDES-FPH053	CORN, CANNED	12	1	
PESTICIDES-FPH053	CORN, FROZEN	1		
PESTICIDES-FPH053	CUCUMBER, CANNED	2	2	
PESTICIDES-FPH053	CURRENT JAM, CANNED	1		
PESTICIDES-FPH053	EGGPLANT, CANNED	2		
PESTICIDES-FPH053	FIG JAM	1		
PESTICIDES-FPH053	FIG, CANNED	3		
PESTICIDES-FPH053	FRUIT COCKTAIL, CANNED	12	3	
PESTICIDES-FPH053	FRUIT, CANNED	6	3	
PESTICIDES-FPH053	GINGER, VINEGAR CANNED	1		
PESTICIDES-FPH053	GRAPEFRUIT, CANNED	2	1	
PESTICIDES-FPH053	GUAVA JAM	3		
PESTICIDES-FPH053	GUAVA, CANNED	4		
PESTICIDES-FPH053	HEART OF PALM, CANNED	15		
PESTICIDES-FPH053	JACKFRUIT, CANNED	6	2	
PESTICIDES-FPH053	JUICE, APPLE	3		
PESTICIDES-FPH053	JUICE, PINEAPPLE	1		
PESTICIDES-FPH053	JUICE, TOMATO	1		
PESTICIDES-FPH053	KALE, CANNED	4		
PESTICIDES-FPH053	KETCHUP	1		
PESTICIDES-FPH053	LEEK, CANNED	1		
PESTICIDES-FPH053	LEEK, FROZEN	1		
PESTICIDES-FPH053	LEMON MARMALADE	1		
PESTICIDES-FPH053	LONGAN, CANNED	4		
PESTICIDES-FPH053	LOROCO FLOWER, CANNED	1		
PESTICIDES-FPH053	LOTUS ROOT, CANNED	1		
PESTICIDES-FPH053	LYCHEE, CANNED	12	4	
PESTICIDES-FPH053	MANGO JAM, CANNED	1		
PESTICIDES-FPH053	MANGO, CANNED	12	4	
PESTICIDES-FPH053	MANGO, FROZEN	1		
PESTICIDES-FPH053	MUSHROOM, CANNED	42	2	
PESTICIDES-FPH053	MUSHROOM, FROZEN	1		
PESTICIDES-FPH053	OKRA, CANNED	1		
PESTICIDES-FPH053	OKRA, FROZEN	1		
PESTICIDES-FPH053	OLIVES, CANNED	11	4	
PESTICIDES-FPH053	ONION, CANNED	1		
PESTICIDES-FPH053	ORANGES, CANNED	18	1	
PESTICIDES-FPH053	PAPAYA, FROZEN	1		
PESTICIDES-FPH053	PEA, CANNED	4		
PESTICIDES-FPH053	PEA, FROZEN	1		
PESTICIDES-FPH053	PEACH NECTAR	2		

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Program	Commodity	No.Tests	No. Positives	No. Violations
PESTICIDES-FPH053	PEACH PALM FRUIT, CANNED	1		
PESTICIDES-FPH053	PEACH, CANNED	8	2	
PESTICIDES-FPH053	PEAR NECTAR	1	1	
PESTICIDES-FPH053	PEAR, CANNED	15	2	
PESTICIDES-FPH053	PEPPER SAUCE	1		
PESTICIDES-FPH053	PEPPERS, CANNED	12	4	
PESTICIDES-FPH053	PEPPERS, FROZEN	1		
PESTICIDES-FPH053	PEPPERS, HOT, CANNED	3	1	
PESTICIDES-FPH053	PICKLES, CANNED	11	2	
PESTICIDES-FPH053	PINEAPPLE AND PAPAYA	1		
PESTICIDES-FPH053	PINEAPPLE NECTAR	1	1	
PESTICIDES-FPH053	PINEAPPLE, CANNED	28	12	
PESTICIDES-FPH053	PLUM, CANNED	1		
PESTICIDES-FPH053	POTATO, CANNED	1		
PESTICIDES-FPH053	PUMPKIN, CANNED	1		
PESTICIDES-FPH053	RADISH, CANNED	2		
PESTICIDES-FPH053	RAMBUTAN, CANNED	2	1	
PESTICIDES-FPH053	RASPBERRY JAM	2		
PESTICIDES-FPH053	RASPBERRY, FROZEN	1		
PESTICIDES-FPH053	REDCURRANT JELLY	1		
PESTICIDES-FPH053	RELISH, CANNED	3		
PESTICIDES-FPH053	RHUBARB, FROZEN	1		
PESTICIDES-FPH053	SALSA SAUCE	1		
PESTICIDES-FPH053	SALSIFY, CANNED	1		
PESTICIDES-FPH053	SALTED LETTUCE IN SOY SAUCE	1		
PESTICIDES-FPH053	SAUERKRAUT, CANNED	2		
PESTICIDES-FPH053	SPINACH, CANNED	5	4	2
PESTICIDES-FPH053	STRAWBERRY JAM	1		
PESTICIDES-FPH053	STRAWBERRY, CANNED	3		
PESTICIDES-FPH053	STRAWBERRY, FROZEN	3		
PESTICIDES-FPH053	SUEDOISE SALAD	1		
PESTICIDES-FPH053	SUGAR PALM, CANNED	1		
PESTICIDES-FPH053	TOMATILLOS, CANNED	3		
PESTICIDES-FPH053	TOMATO, CANNED	11	1	
PESTICIDES-FPH053	VEGETABLE, CANNED	14	4	1
PESTICIDES-FPH053	WATER CHESTNUT, CANNED	8		
PESTICIDES-FPH053	WOODAPPLE JAM	1		
PESTICIDES-FPH053	YUCCA/CASSAVA, CANNED	1		
PESTICIDES-FPH053	YUCCA/CASSAVA, FROZEN	1		
PESTICIDES-FPH053	ZUCCHINI, CANNED	2		
PESTICIDES-FPH053	ZUCCHINI, FROZEN	1		
THIABENDAZOLE	ACKEE, CANNED	1		
THIABENDAZOLE	APPLES, CANNED	1		

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Program	Commodity	No.Tests	No. Positives	No. Violations
THIABENDAZOLE	APRICOT, DRIED	6		
THIABENDAZOLE	ARTICHOKE, CANNED	2		
THIABENDAZOLE	BAMBOO SHOOTS, CANNED	1		
THIABENDAZOLE	BANANA, CANNED	1		
THIABENDAZOLE	BEAN, CANNED	6		
THIABENDAZOLE	BEAN, FROZEN	1		
THIABENDAZOLE	BEETS, CANNED	1		
THIABENDAZOLE	BEGONIA FRUIT, CANNED	1		
THIABENDAZOLE	BREADFRUIT, CANNED	1		
THIABENDAZOLE	CARROT, CANNED	1		
THIABENDAZOLE	CORN, CANNED	1		
THIABENDAZOLE	FIG, CANNED	1		
THIABENDAZOLE	FRUIT COCKTAIL, CANNED	5		
THIABENDAZOLE	GINGER, VINEGAR CANNED	1		
THIABENDAZOLE	HEART OF PALM, CANNED	3		
THIABENDAZOLE	JACKFRUIT, CANNED	1		
THIABENDAZOLE	LONGAN, CANNED	2		
THIABENDAZOLE	LYCHEE, CANNED	5		
THIABENDAZOLE	MANGO JAM, CANNED	1		
THIABENDAZOLE	MANGO, CANNED	1		
THIABENDAZOLE	MUSHROOM, CANNED	5	1	
THIABENDAZOLE	OLIVES, CANNED	3		
THIABENDAZOLE	ORANGES, CANNED	8		
THIABENDAZOLE	PEACH PALM FRUIT, CANNED	1		
THIABENDAZOLE	PEACH, CANNED	1		
THIABENDAZOLE	PEAR NECTAR	1	1	
THIABENDAZOLE	PEAR, CANNED	5		
THIABENDAZOLE	PEPPERS, CANNED	3		
THIABENDAZOLE	PEPPERS, HOT, CANNED	2		
THIABENDAZOLE	PICKLES, CANNED	3		
THIABENDAZOLE	PINEAPPLE AND PAPAYA	1		
THIABENDAZOLE	PINEAPPLE, CANNED	5		
THIABENDAZOLE	PUMPKIN, CANNED	1		
THIABENDAZOLE	RAMBUTAN, CANNED	1		
THIABENDAZOLE	RELISH, CANNED	1		
THIABENDAZOLE	SAUERKRAUT, CANNED	1		
THIABENDAZOLE	TOMATO, CANNED	4		
THIABENDAZOLE	VEGETABLE, CANNED	1		
THIABENDAZOLE	YUCCA/CASSAVA, CANNED	1		
Total		1414	150	5

Note: For multi-residue screens, the total number of positive results found may be higher than the number of tests since multiple residues may be found in a single sample.

Pesticide Prevalence in Import Processed Fruit & Vegetable Products

Residue Found	No. Tests	No. Found	Mean	Minimum	Maximum	Violations
Benomyl	472	47	0.0619	0.0005	0.8260	
2-phenylphenol (ortho-phenylphenol)	474	37	0.0229	0.0070	0.1030	
Chlorpyrifos	474	9	0.0137	0.0021	0.0486	
Captan	474	8	0.0634	0.0200	0.1570	
Ethylene Thiourea	339	5	0.1042	0.0240	0.2460	2
Endosulfan Total	474	5	0.0165	0.0025	0.0670	
Permethrin	474	4	0.0168	0.0010	0.0420	
Carbaryl	474	3	0.0571	0.0189	0.0860	
Cypermethrin	474	3	0.3348	0.0040	0.5443	2
Metalaxyl	474	3	0.0097	0.0059	0.0135	
Iprodione	474	3	0.0083	0.0040	0.0148	
Vinclozolin	474	3	0.0358	0.0220	0.0510	
Bifenthrin	474	2	0.0058	0.0033	0.0083	
Diphenylamine	474	2	0.0151	0.0034	0.0267	
Fenpropathrin	474	2	0.0129	0.0029	0.0228	
Thiabendazole	92	2	0.0405	0.0330	0.0480	
Flusilazole	474	1	0.0544	0.0544	0.0544	
Methamidophos	474	1	0.0079	0.0079	0.0079	
Omethoate	474	1	0.0812	0.0812	0.0812	
Cyprodinil	474	1	0.0070	0.0070	0.0070	
Piperonyl butoxide	474	1	0.0730	0.0730	0.0730	
Prochloraz	474	1	0.0150	0.0150	0.0150	
Tebuconazole	474	1	0.0370	0.0370	0.0370	
Tetradifon	474	1	0.0035	0.0035	0.0035	
Triadimenol	474	1	0.0305	0.0305	0.0305	
Azinphos-ethyl	474	1	0.0520	0.0520	0.0520	
3-OH Carbofuran	474	1	0.0250	0.0250	0.0250	
Ethion	474	1	0.3440	0.3440	0.3440	1
Total		150				5

Summary of Metal and Element Prevalence in Import Processed Fruit & Vegetable Products

Metal Found	No. Tests	No. Found	Mean	Min	Max	Violations[1]	Above Average[2]
Aluminum	475	381	2.5036	0.1000	183.0000		13
Arsenic	475	156	0.0152	0.0010	0.2287		1
Boron	475	445	1.4289	0.0640	35.1500		17
Cadmium	475	179	0.0146	0.0010	0.1222		1
Chromium	475	364	0.0569	0.0100	0.9400		
Copper	475	430	0.7478	0.0470	15.6000		
Iron	475	470	9.1876	0.4650	263.7000		14
Lead	475	334	0.0289	0.0020	0.6300		1
Manganese	475	466	3.0809	0.0590	128.5000		17
Mercury	372	1	0.0100	0.0100	0.0100		
Nickel	475	432	0.1641	0.0100	12.3000		5
Selenium	475	88	0.0588	0.0050	0.6430		
Tin	475	440	30.4210	0.0230	387.1000	4	
Titanium	475	314	0.3790	0.0100	3.6980		1
Zinc	475	472	1.9588	0.1440	20.6900		1
All Metals and Elements	7022	4972				4	71

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Pesticide Residue Monitoring in Processed Fruit & Vegetable Products By Country

Country of Origin	No. Tests	No. Positives	Percent Positive	No. Violations	Percent Violations
COLOMBIA	20	8	40.00	1	5.00
UNITED STATES	59	6	10.17	2	3.39
INDIA	53	4	7.55	1	1.89
CHINA	354	48	13.56	1	0.28
NETHERLANDS	3	4	133.33		
ISRAEL	5	3	60.00		
SWAZILAND	2	1	50.00		
MOROCCO	3	1	33.33		
BRAZIL	7	2	28.57		
GREECE	4	1	25.00		
THAILAND	218	32	14.68		
ITALY	50	7	14.00		
TAIWAN	38	5	13.16		
EGYPT	8	1	12.50		
BELGIUM	27	3	11.11		
CHILE	18	2	11.11		
FRANCE	20	2	10.00		
TURKEY	42	4	9.52		
KOREA, REP	11	1	9.09		
MEXICO	105	8	7.62		
PHILIPPINES	16	1	6.25		
SPAIN	60	3	5.00		
PERU	26	1	3.85		
COSTA RICA	28	1	3.57		
SOUTH AFRICA	38	1	2.63		
BOSNIA & HERCEGOVINA	2				
BULGARIA	9				
CROATIA	8				
DOMINICAN REPUBLIC	8				
ECUADOR	44				
GERMANY	7				
GHANA	2				
GUAM	3				
GUATEMALA	13				
GUYANA	4				
HONG KONG	3				
INDONESIA	4				
IRAN	3				
JAMAICA	20				
LEBANON	3				
MOLDOVA	2				

Country of Origin	No. Tests	No. Positives	Percent Positive	No. Violations	Percent Violations
PAKISTAN	3				
POLAND	13				
SRI LANKA	4				
TRINIDAD & TOBAGO	20				
UNITED ARAB EMIRATES	8				
VIETNAM	16				
All (Excluding Metals)	1414	150		5	

Note - A value of greater than 100 % positive could occur if, for example, there were more than just single residues detected per sample. (An example might be if 10 samples each contained two residues, in which case the percent positives depicted here would be estimated at 200%. Such aberrations would only be likely in small sample sizes.)

Pesticide Residue Monitoring in Import Processed Fruit & Vegetable Products By Country & Specific Tests

ACKEE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	JAMAICA	1	Benomyl					
EBDC(ETU)	JAMAICA	1	Ethylene Thiourea					
PESTICIDES-FPH053	JAMAICA	1	Pesticide Screen					
THIABENDAZOLE	JAMAICA	1	Thiabendazole					

APPLES, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl	1	0.0070	0.0070	0.0070	
BENOMYL	INDIA	1	Benomyl					
BENOMYL	NETHERLANDS	1	Benomyl	1	0.1237	0.1237	0.1237	
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	INDIA	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	INDIA	1	Formetanate					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
PESTICIDES-FPH053	INDIA	1	Pesticide Screen					
PESTICIDES-FPH053	NETHERLANDS	1	Pesticide Screen	1				
PESTICIDES-FPH053	NETHERLANDS	1	Captan	1	0.0210	0.0210	0.0210	
PESTICIDES-FPH053	NETHERLANDS	1	Chlorpyrifos	1	0.0025	0.0025	0.0025	
PESTICIDES-FPH053	NETHERLANDS	1	Diphenylamine	1	0.0267	0.0267	0.0267	
THIABENDAZOLE	INDIA	1	Thiabendazole					

APRICOT JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
BENOMYL	CROATIA	1	Benomyl					
BENOMYL	EGYPT	1	Benomyl					
EBDC(ETU)	BOSNIA & HERCEGOVINA	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	CROATIA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
PESTICIDES-FPH053	CROATIA	1	Pesticide Screen					

APRICOT, CANNED

APRICOT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
BENOMYL	MOROCCO	1	Benomyl					
BENOMYL	TRINIDAD & TOBAGO	1	Benomyl					
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
EBDC(ETU)	MOROCCO	1	Ethylene Thiourea					
PESTICIDES-FPH053	MOROCCO	1	Pesticide Screen	1				
PESTICIDES-FPH053	MOROCCO	1	Endosulfan Total	1	0.0070	0.0070	0.0070	
PESTICIDES-FPH053	TRINIDAD & TOBAGO	1	Pesticide Screen					

APRICOT, DRIED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
AMITRAZ	TURKEY	1	Amitraz					
EBDC(ETU)	TURKEY	4	Ethylene Thiourea					
PESTICIDES-FPH053	TURKEY	6	Pesticide Screen	4				
PESTICIDES-FPH053	TURKEY	6	Captan	4	0.0823	0.0280	0.1570	
THIABENDAZOLE	TURKEY	6	Thiabendazole					

ARTICHOKE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHILE	3	Benomyl					
BENOMYL	ECUADOR	1	Benomyl					
BENOMYL	PERU	5	Benomyl					
BENOMYL	SPAIN	6	Benomyl	1	0.0132	0.0132	0.0132	
BENOMYL	UNITED ARAB EMIRATES	1	Benomyl					
EBDC(ETU)	CHILE	2	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	1	Ethylene Thiourea					
EBDC(ETU)	PERU	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	5	Ethylene Thiourea					
EBDC(ETU)	UNITED ARAB EMIRATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHILE	3	Pesticide Screen					
PESTICIDES-FPH053	ECUADOR	2	Pesticide Screen					
PESTICIDES-FPH053	PERU	5	Pesticide Screen	1				
PESTICIDES-FPH053	PERU	5	Iprodione	1	0.0040	0.0040	0.0040	
PESTICIDES-FPH053	SPAIN	5	Pesticide Screen					
PESTICIDES-FPH053	UNITED ARAB EMIRATES	1	Pesticide Screen					
THIABENDAZOLE	ECUADOR	2	Thiabendazole					

ASPARAGUS, CANNED

ASPARAGUS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHILE	1	Benomyl					
BENOMYL	CHINA	10	Benomyl	2	0.0398	0.0347	0.0448	
BENOMYL	PERU	2	Benomyl					
BENOMYL	SOUTH AFRICA	1	Benomyl					
EBDC(ETU)	CHINA	5	Ethylene Thiourea	3	0.0797	0.0240	0.1810	1
EBDC(ETU)	SOUTH AFRICA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHILE	1	Pesticide Screen					
PESTICIDES-FPH053	CHINA	9	Pesticide Screen	3				
PESTICIDES-FPH053	CHINA	9	2-phenylphenol (ortho-phenylphenol)	1	0.0080	0.0080	0.0080	
PESTICIDES-FPH053	CHINA	9	Cypermethrin	1	0.0040	0.0040	0.0040	
PESTICIDES-FPH053	CHINA	9	Fenpropathrin	1	0.0029	0.0029	0.0029	
PESTICIDES-FPH053	CHINA	9	Omethoate	1	0.0812	0.0812	0.0812	
PESTICIDES-FPH053	PERU	2	Pesticide Screen					

ASPARAGUS, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	2	Benomyl	1	0.0082	0.0082	0.0082	
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	2	Pesticide Screen	1				
PESTICIDES-FPH053	CHINA	2	Chlorpyrifos	1	0.0056	0.0056	0.0056	

BAMBOO SHOOTS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	9	Benomyl					
BENOMYL	TAIWAN	2	Benomyl					
BENOMYL	THAILAND	4	Benomyl					
EBDC(ETU)	CHINA	8	Ethylene Thiourea					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	8	Pesticide Screen					
PESTICIDES-FPH053	TAIWAN	2	Pesticide Screen	1				
PESTICIDES-FPH053	TAIWAN	2	2-phenylphenol (ortho-phenylphenol)	1	0.0118	0.0118	0.0118	
PESTICIDES-FPH053	THAILAND	3	Pesticide Screen	1				
PESTICIDES-FPH053	THAILAND	3	2-phenylphenol (ortho-phenylphenol)	1	0.0180	0.0180	0.0180	
THIABENDAZOLE	THAILAND	1	Thiabendazole					

BANANA BLOSSOM, CANNED

BANANA BLOSSOM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	1	Benomyl					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
PESTICIDES-FPH053	THAILAND	1	Pesticide Screen					

BANANA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	2	Benomyl					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-FPH053	THAILAND	1	Pesticide Screen					
THIABENDAZOLE	THAILAND	1	Thiabendazole					

BEAN, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	4	Benomyl					
BENOMYL	ECUADOR	1	Benomyl					
BENOMYL	FRANCE	1	Benomyl	1	0.0300	0.0300	0.0300	
BENOMYL	INDIA	3	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	LEBANON	1	Benomyl					
BENOMYL	MEXICO	6	Benomyl	1	0.0410	0.0410	0.0410	
BENOMYL	PERU	2	Benomyl					
BENOMYL	PHILIPPINES	1	Benomyl					
BENOMYL	SPAIN	2	Benomyl					
BENOMYL	TRINIDAD & TOBAGO	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	CHINA	7	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	1	Ethylene Thiourea					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	INDIA	2	Ethylene Thiourea					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
EBDC(ETU)	LEBANON	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	6	Ethylene Thiourea					
EBDC(ETU)	PHILIPPINES	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	7	Pesticide Screen	2				
PESTICIDES-FPH053	CHINA	7	Fenpropathrin	1	0.0228	0.0228	0.0228	
PESTICIDES-FPH053	CHINA	7	Methamidophos	1	0.0079	0.0079	0.0079	

BEAN, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	ECUADOR	1	Pesticide Screen					
PESTICIDES-FPH053	FRANCE	2	Pesticide Screen	1				
PESTICIDES-FPH053	FRANCE	2	Vinclozolin	1	0.0220	0.0220	0.0220	
PESTICIDES-FPH053	INDIA	3	Pesticide Screen	1				
PESTICIDES-FPH053	INDIA	3	2-phenylphenol (ortho-phenylphenol)	1	0.0152	0.0152	0.0152	
PESTICIDES-FPH053	ITALY	1	Pesticide Screen	1				
PESTICIDES-FPH053	ITALY	1	Chlorpyrifos	1	0.0080	0.0080	0.0080	
PESTICIDES-FPH053	KOREA, REP	1	Pesticide Screen					
PESTICIDES-FPH053	LEBANON	1	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	5	Pesticide Screen					
PESTICIDES-FPH053	PERU	2	Pesticide Screen					
PESTICIDES-FPH053	PHILIPPINES	2	Pesticide Screen					
PESTICIDES-FPH053	SPAIN	2	Pesticide Screen					
PESTICIDES-FPH053	TRINIDAD & TOBAGO	1	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	KOREA, REP	1	Thiabendazole					
THIABENDAZOLE	MEXICO	2	Thiabendazole					
THIABENDAZOLE	PHILIPPINES	1	Thiabendazole					
THIABENDAZOLE	SPAIN	1	Thiabendazole					

BEAN, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
BENOMYL	CHINA	1	Benomyl	1	0.0194	0.0194	0.0194	
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	2	Pesticide Screen	2				
PESTICIDES-FPH053	BELGIUM	2	Iprodione	1	0.0060	0.0060	0.0060	
PESTICIDES-FPH053	BELGIUM	2	Vinclozolin	2	0.0427	0.0343	0.0510	
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
THIABENDAZOLE	BELGIUM	1	Thiabendazole					

BEETS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BULGARIA	1	Benomyl					
BENOMYL	EGYPT	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	BULGARIA	1	Ethylene Thiourea					
EBDC(ETU)	POLAND	1	Ethylene Thiourea					

BEETS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	BULGARIA	1	Pesticide Screen					
PESTICIDES-FPH053	EGYPT	1	Pesticide Screen	1				
PESTICIDES-FPH053	EGYPT	1	2-phenylphenol (ortho-phenylphenol)	1	0.0070	0.0070	0.0070	
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

BEGONIA FRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					

BLACKBERRY PULP

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COLOMBIA	1	Benomyl	1	0.2310	0.2310	0.2310	
EBDC(ETU)	COLOMBIA	1	Ethylene Thiourea	1	0.2460	0.2460	0.2460	1
PESTICIDES-FPH053	COLOMBIA	1	Pesticide Screen	1				
PESTICIDES-FPH053	COLOMBIA	1	Captan	1	0.0620	0.0620	0.0620	
PESTICIDES-FPH053	COLOMBIA	1	Chlorpyrifos	1	0.0113	0.0113	0.0113	
PESTICIDES-FPH053	COLOMBIA	1	Flusilazole	1	0.0544	0.0544	0.0544	
PESTICIDES-FPH053	COLOMBIA	1	Iprodione	1	0.0148	0.0148	0.0148	
PESTICIDES-FPH053	COLOMBIA	1	Metalaxyl	1	0.0098	0.0098	0.0098	
PESTICIDES-FPH053	COLOMBIA	1	Tetradifon	1	0.0035	0.0035	0.0035	

BLUEBERRY JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
EBDC(ETU)	POLAND	1	Ethylene Thiourea					

BREADFRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations

BREADFRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	JAMAICA	1	Benomyl					
EBDC(ETU)	JAMAICA	1	Ethylene Thiourea					
FORMETANATE	JAMAICA	1	Formetanate					
PESTICIDES-FPH053	JAMAICA	1	Pesticide Screen					
THIABENDAZOLE	JAMAICA	1	Thiabendazole					

BROCCOLI, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	2	Benomyl					
PESTICIDES-FPH053	MEXICO	2	Pesticide Screen					

BROCCOLI, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	2	Benomyl					
PESTICIDES-FPH053	MEXICO	2	Pesticide Screen					

BRUSSELS SPROUT, FRESH

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	FRANCE	1	Benomyl					

CABBAGE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
PESTICIDES-FPH053	TAIWAN	1	Pesticide Screen	1				
PESTICIDES-FPH053	TAIWAN	1	2-phenylphenol (ortho-phenylphenol)	1	0.0150	0.0150	0.0150	
PESTICIDES-FPH053	TAIWAN	1	3-OH Carbofuran	1	0.0250	0.0250	0.0250	

CACTUS SHOOT, CANNED

CACTUS SHOOT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	2	Benomyl					
EBDC(ETU)	MEXICO	2	Ethylene Thiourea					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					

CALLALOO, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	JAMAICA	1	Benomyl					
EBDC(ETU)	JAMAICA	1	Ethylene Thiourea					
PESTICIDES-FPH053	JAMAICA	1	Pesticide Screen					

CARROT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
BENOMYL	FRANCE	1	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	2	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	BELGIUM	1	Thiabendazole					

CARROT, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	1	Pesticide Screen					

CAULIFLOWER, FROZEN

CAULIFLOWER, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					

CELERIAC, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	1	Pesticide Screen					

CELERY, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	GUATEMALA	1	Benomyl					

CHERRY, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
BENOMYL	GUATEMALA	1	Benomyl					
BENOMYL	ITALY	2	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
FORMETANATE	ITALY	1	Formetanate					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
PESTICIDES-FPH053	GUATEMALA	1	Pesticide Screen					
PESTICIDES-FPH053	ITALY	2	Pesticide Screen	1				
PESTICIDES-FPH053	ITALY	2	Tebuconazole	1	0.0370	0.0370	0.0370	

CHILI, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	1	Benomyl					

CHILI, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					

CORN, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COLOMBIA	1	Benomyl					
BENOMYL	KOREA, REP	1	Benomyl					
BENOMYL	THAILAND	9	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl					
BENOMYL	VIETNAM	1	Benomyl					
EBDC(ETU)	COLOMBIA	1	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	9	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-FPH053	COLOMBIA	1	Pesticide Screen					
PESTICIDES-FPH053	KOREA, REP	1	Pesticide Screen	1				
PESTICIDES-FPH053	KOREA, REP	1	2-phenylphenol (ortho-phenylphenol)	1	0.0110	0.0110	0.0110	
PESTICIDES-FPH053	THAILAND	8	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
PESTICIDES-FPH053	VIETNAM	1	Pesticide Screen					
THIABENDAZOLE	THAILAND	1	Thiabendazole					

CORN, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	1	Benomyl					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					

CUCUMBER, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	INDIA	1	Benomyl					
BENOMYL	ISRAEL	1	Benomyl					
BENOMYL	MOLDOVA	1	Benomyl					
EBDC(ETU)	ISRAEL	1	Ethylene Thiourea					
EBDC(ETU)	MOLDOVA	1	Ethylene Thiourea					
PESTICIDES-FPH053	INDIA	1	Pesticide Screen					

CUCUMBER, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	ISRAEL	1	Pesticide Screen	1				
PESTICIDES-FPH053	ISRAEL	1	Endosulfan Total	1	0.0670	0.0670	0.0670	
PESTICIDES-FPH053	ISRAEL	1	Triadimenol	1	0.0305	0.0305	0.0305	

CURRENT JAM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CROATIA	1	Benomyl					
PESTICIDES-FPH053	CROATIA	1	Pesticide Screen					

DRUMSTICKS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	INDIA	1	Ethylene Thiourea					

EGGPLANT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	GHANA	1	Benomyl					
BENOMYL	THAILAND	2	Benomyl					
BENOMYL	TURKEY	1	Benomyl					
BENOMYL	VIETNAM	1	Benomyl					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
PESTICIDES-FPH053	GHANA	1	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	1	Pesticide Screen					

FIG JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	SOUTH AFRICA	1	Benomyl					
EBDC(ETU)	SOUTH AFRICA	1	Ethylene Thiourea					
PESTICIDES-FPH053	SOUTH AFRICA	1	Pesticide Screen					

FIG, CANNED

FIG, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COLOMBIA	2	Benomyl					
BENOMYL	SOUTH AFRICA	1	Benomyl					
EBDC(ETU)	COLOMBIA	2	Ethylene Thiourea					
PESTICIDES-FPH053	COLOMBIA	2	Pesticide Screen					
PESTICIDES-FPH053	SOUTH AFRICA	1	Pesticide Screen					
THIABENDAZOLE	COLOMBIA	1	Thiabendazole					

FRUIT COCKTAIL, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	4	Benomyl	3	0.0130	0.0118	0.0140	
BENOMYL	SOUTH AFRICA	1	Benomyl					
BENOMYL	THAILAND	3	Benomyl					
EBDC(ETU)	CHINA	3	Ethylene Thiourea					
EBDC(ETU)	INDIA	1	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
PESTICIDES-FPH053	CHINA	6	Pesticide Screen					
PESTICIDES-FPH053	INDIA	1	Pesticide Screen					
PESTICIDES-FPH053	SOUTH AFRICA	2	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	3	Pesticide Screen	3				
PESTICIDES-FPH053	THAILAND	3	2-phenylphenol (ortho-phenylphenol)	3	0.0302	0.0246	0.0341	
THIABENDAZOLE	CHINA	2	Thiabendazole					
THIABENDAZOLE	INDIA	1	Thiabendazole					
THIABENDAZOLE	SOUTH AFRICA	1	Thiabendazole					
THIABENDAZOLE	THAILAND	1	Thiabendazole					

FRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BRAZIL	1	Benomyl	1	0.0680	0.0680	0.0680	
BENOMYL	CHINA	2	Benomyl	1	0.0230	0.0230	0.0230	
BENOMYL	COLOMBIA	1	Benomyl					
BENOMYL	THAILAND	2	Benomyl					
EBDC(ETU)	BRAZIL	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
FORMETANATE	BRAZIL	1	Formetanate					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-FPH053	BRAZIL	1	Pesticide Screen	1				

FRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	BRAZIL	1	Permethrin	1	0.0020	0.0020	0.0020	
PESTICIDES-FPH053	CHINA	2	Pesticide Screen					
PESTICIDES-FPH053	COLOMBIA	1	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	2	Pesticide Screen	2				
PESTICIDES-FPH053	THAILAND	2	2-phenylphenol (ortho-phenylphenol)	1	0.0250	0.0250	0.0250	
PESTICIDES-FPH053	THAILAND	2	Permethrin	1	0.0010	0.0010	0.0010	

GINGER, VINEGAR CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					

GRAPEFRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	EGYPT	1	Benomyl					
BENOMYL	SWAZILAND	1	Benomyl					
PESTICIDES-FPH053	EGYPT	1	Pesticide Screen					
PESTICIDES-FPH053	SWAZILAND	1	Pesticide Screen	1				
PESTICIDES-FPH053	SWAZILAND	1	2-phenylphenol (ortho-phenylphenol)	1	0.0157	0.0157	0.0157	

GRAPES, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	1	Benomyl	1	0.8260	0.8260	0.8260	

GUAVA JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	JAMAICA	2	Benomyl					
BENOMYL	TRINIDAD & TOBAGO	1	Benomyl					
EBDC(ETU)	JAMAICA	1	Ethylene Thiourea					
EBDC(ETU)	TRINIDAD & TOBAGO	1	Ethylene Thiourea					

GUAVA JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	JAMAICA	2	Pesticide Screen					
PESTICIDES-FPH053	TRINIDAD & TOBAGO	1	Pesticide Screen					

GUAVA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	DOMINICAN REPUBLIC	1	Benomyl					
BENOMYL	MEXICO	2	Benomyl					
BENOMYL	TRINIDAD & TOBAGO	1	Benomyl					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	2	Ethylene Thiourea					
EBDC(ETU)	TRINIDAD & TOBAGO	1	Ethylene Thiourea					
FORMETANATE	MEXICO	1	Formetanate					
FORMETANATE	TRINIDAD & TOBAGO	1	Formetanate					
PESTICIDES-FPH053	DOMINICAN REPUBLIC	1	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	2	Pesticide Screen					
PESTICIDES-FPH053	TRINIDAD & TOBAGO	1	Pesticide Screen					

HEART OF PALM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COSTA RICA	5	Benomyl					
BENOMYL	ECUADOR	9	Benomyl					
BENOMYL	GUYANA	1	Benomyl					
EBDC(ETU)	COSTA RICA	2	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	7	Ethylene Thiourea					
EBDC(ETU)	GUYANA	1	Ethylene Thiourea					
FORMETANATE	ECUADOR	1	Formetanate					
PESTICIDES-FPH053	COSTA RICA	5	Pesticide Screen					
PESTICIDES-FPH053	ECUADOR	9	Pesticide Screen					
PESTICIDES-FPH053	GUYANA	1	Pesticide Screen					
THIABENDAZOLE	COSTA RICA	1	Thiabendazole					
THIABENDAZOLE	ECUADOR	1	Thiabendazole					
THIABENDAZOLE	GUYANA	1	Thiabendazole					

JACKFRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations

JACKFRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	SOUTH AFRICA	1	Benomyl					
BENOMYL	THAILAND	5	Benomyl					
EBDC(ETU)	THAILAND	3	Ethylene Thiourea					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-FPH053	THAILAND	6	Pesticide Screen	2				
PESTICIDES-FPH053	THAILAND	6	2-phenylphenol (ortho-phenylphenol)	2	0.0220	0.0190	0.0250	
THIABENDAZOLE	THAILAND	1	Thiabendazole					

JUICE, APPLE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	2	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	UNITED ARAB EMIRATES	1	Benomyl					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	UNITED ARAB EMIRATES	1	Pesticide Screen					

JUICE, PINEAPPLE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED ARAB EMIRATES	1	Benomyl					
EBDC(ETU)	UNITED ARAB EMIRATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	UNITED ARAB EMIRATES	1	Pesticide Screen					

JUICE, TOMATO

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BULGARIA	1	Benomyl					
EBDC(ETU)	BULGARIA	1	Ethylene Thiourea					
PESTICIDES-FPH053	BULGARIA	1	Pesticide Screen					

KALE, CANNED

KALE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BRAZIL	1	Benomyl					
BENOMYL	GERMANY	2	Benomyl					
EBDC(ETU)	BRAZIL	1	Ethylene Thiourea					
EBDC(ETU)	GERMANY	2	Ethylene Thiourea					
PESTICIDES-FPH053	BRAZIL	1	Pesticide Screen					
PESTICIDES-FPH053	GERMANY	3	Pesticide Screen					

KETCHUP

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	GUATEMALA	1	Benomyl					
PESTICIDES-FPH053	GUATEMALA	1	Pesticide Screen					

LEEK, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	VIETNAM	1	Benomyl					
EBDC(ETU)	VIETNAM	1	Ethylene Thiourea					
PESTICIDES-FPH053	VIETNAM	1	Pesticide Screen					

LEEK, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	1	Pesticide Screen					

LEMON MARMALADE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	ITALY	1	Pesticide Screen					

LONGAN, CANNED

LONGAN, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	4	Benomyl					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
FORMETANATE	THAILAND	2	Formetanate					
PESTICIDES-FPH053	THAILAND	4	Pesticide Screen					
THIABENDAZOLE	THAILAND	2	Thiabendazole					

LOROCO FLOWER, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	GUATEMALA	1	Benomyl					
EBDC(ETU)	GUATEMALA	1	Ethylene Thiourea					
PESTICIDES-FPH053	GUATEMALA	1	Pesticide Screen					

LOTUS ROOT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	1	Benomyl					
PESTICIDES-FPH053	THAILAND	1	Pesticide Screen					

LYCHEE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	5	Benomyl	1	0.0198	0.0198	0.0198	
BENOMYL	THAILAND	7	Benomyl	1	0.0082	0.0082	0.0082	
EBDC(ETU)	CHINA	3	Ethylene Thiourea					
EBDC(ETU)	THAILAND	6	Ethylene Thiourea					
FORMETANATE	CHINA	1	Formetanate					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-FPH053	CHINA	4	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	8	Pesticide Screen	4				
PESTICIDES-FPH053	THAILAND	8	2-phenylphenol (ortho-phenylphenol)	3	0.0230	0.0110	0.0300	
PESTICIDES-FPH053	THAILAND	8	Carbaryl	1	0.0664	0.0664	0.0664	
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	THAILAND	4	Thiabendazole					

MANGO JAM, CANNED

MANGO JAM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	JAMAICA	1	Ethylene Thiourea					
PESTICIDES-FPH053	JAMAICA	1	Pesticide Screen					
THIABENDAZOLE	JAMAICA	1	Thiabendazole					

MANGO, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	INDIA	2	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	PAKISTAN	1	Benomyl					
BENOMYL	THAILAND	9	Benomyl					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
FORMETANATE	THAILAND	1	Formetanate					
PESTICIDES-FPH053	GUATEMALA	1	Pesticide Screen					
PESTICIDES-FPH053	INDIA	2	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	8	Pesticide Screen	4				
PESTICIDES-FPH053	THAILAND	8	2-phenylphenol (ortho-phenylphenol)	4	0.0204	0.0106	0.0360	
THIABENDAZOLE	GUATEMALA	1	Thiabendazole					

MANGO, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	1	Benomyl					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					

MARMALADE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					

MUSHROOM, CANNED

MUSHROOM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	30	Benomyl	14	0.0632	0.0089	0.1213	
BENOMYL	FRANCE	1	Benomyl					
BENOMYL	INDONESIA	1	Benomyl					
BENOMYL	MEXICO	1	Benomyl	1	0.0732	0.0732	0.0732	
BENOMYL	POLAND	1	Benomyl					
BENOMYL	TAIWAN	7	Benomyl	2	0.0498	0.0205	0.0790	
BENOMYL	UNITED STATES	1	Benomyl	1	0.0670	0.0670	0.0670	
BENOMYL	VIETNAM	1	Benomyl					
EBDC(ETU)	CHINA	22	Ethylene Thiourea					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	INDIA	1	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	7	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	29	Pesticide Screen	2				
PESTICIDES-FPH053	CHINA	29	Bifenthrin	1	0.0033	0.0033	0.0033	
PESTICIDES-FPH053	CHINA	29	Endosulfan Total	1	0.0025	0.0025	0.0025	
PESTICIDES-FPH053	FRANCE	1	Pesticide Screen					
PESTICIDES-FPH053	INDIA	1	Pesticide Screen					
PESTICIDES-FPH053	INDONESIA	1	Pesticide Screen					
PESTICIDES-FPH053	POLAND	1	Pesticide Screen					
PESTICIDES-FPH053	TAIWAN	9	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	TAIWAN	3	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole	1	0.0480	0.0480	0.0480	

MUSHROOM, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	1	Benomyl					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					

OKRA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	INDIA	1	Benomyl					
BENOMYL	TURKEY	1	Benomyl					
EBDC(ETU)	INDIA	2	Ethylene Thiourea					
EBDC(ETU)	TURKEY	1	Ethylene Thiourea					
PESTICIDES-FPH053	INDIA	1	Pesticide Screen					

OKRA, FROZEN

OKRA, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	GUATEMALA	1	Benomyl					
PESTICIDES-FPH053	GUATEMALA	1	Pesticide Screen					

OLIVES, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ISRAEL	1	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	PERU	1	Benomyl					
BENOMYL	SPAIN	5	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	5	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	ISRAEL	1	Pesticide Screen	1				
PESTICIDES-FPH053	ISRAEL	1	Endosulfan Total	1	0.0029	0.0029	0.0029	
PESTICIDES-FPH053	ITALY	1	Pesticide Screen	1				
PESTICIDES-FPH053	ITALY	1	Chlorpyrifos	1	0.0021	0.0021	0.0021	
PESTICIDES-FPH053	ITALY	1	Endosulfan Total	1	0.0029	0.0029	0.0029	
PESTICIDES-FPH053	PERU	1	Pesticide Screen					
PESTICIDES-FPH053	SPAIN	7	Pesticide Screen	1				
PESTICIDES-FPH053	SPAIN	7	2-phenylphenol (ortho-phenylphenol)	1	0.0200	0.0200	0.0200	
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	SPAIN	2	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

ONION, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					

ORANGE JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	EGYPT	1	Benomyl					

ORANGES, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	14	Benomyl					
BENOMYL	KOREA, REP	1	Benomyl					
EBDC(ETU)	CHINA	9	Ethylene Thiourea					
EBDC(ETU)	KOREA, REP	1	Ethylene Thiourea					
FORMETANATE	CHINA	5	Formetanate					
FORMETANATE	KOREA, REP	1	Formetanate					
PESTICIDES-FPH053	CHINA	17	Pesticide Screen	1				
PESTICIDES-FPH053	CHINA	17	Piperonyl butoxide	1	0.0730	0.0730	0.0730	
PESTICIDES-FPH053	KOREA, REP	1	Pesticide Screen					
THIABENDAZOLE	CHINA	7	Thiabendazole					
THIABENDAZOLE	KOREA, REP	1	Thiabendazole					

PAPAYA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	SRI LANKA	1	Benomyl					

PAPAYA, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COSTA RICA	1	Benomyl					
EBDC(ETU)	COSTA RICA	1	Ethylene Thiourea	1	0.0360	0.0360	0.0360	
PESTICIDES-FPH053	COSTA RICA	1	Pesticide Screen					

PASSIONFRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COLOMBIA	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	COLOMBIA	1	Ethylene Thiourea					

PEA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					

PEA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ECUADOR	1	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	PERU	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
EBDC(ETU)	ECUADOR	1	Ethylene Thiourea					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	1	Pesticide Screen					
PESTICIDES-FPH053	ECUADOR	1	Pesticide Screen					
PESTICIDES-FPH053	ITALY	1	Pesticide Screen					
PESTICIDES-FPH053	PERU	1	Pesticide Screen					

PEA, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					

PEACH NECTAR

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ITALY	1	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
FORMETANATE	ITALY	1	Formetanate					
PESTICIDES-FPH053	ITALY	1	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					

PEACH PALM FRUIT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
FORMETANATE	COLOMBIA	1	Formetanate					
PESTICIDES-FPH053	COLOMBIA	1	Pesticide Screen					
THIABENDAZOLE	COLOMBIA	1	Thiabendazole					

PEACH, CANNED

PEACH, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	3	Benomyl	2	0.0349	0.0078	0.0619	
BENOMYL	GREECE	1	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	PHILIPPINES	1	Benomyl					
BENOMYL	SOUTH AFRICA	3	Benomyl					
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
EBDC(ETU)	GREECE	2	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	2	Ethylene Thiourea					
FORMETANATE	SOUTH AFRICA	1	Formetanate					
PESTICIDES-FPH053	CHINA	3	Pesticide Screen	1				
PESTICIDES-FPH053	CHINA	3	Chlorpyrifos	1	0.0025	0.0025	0.0025	
PESTICIDES-FPH053	GREECE	1	Pesticide Screen	1				
PESTICIDES-FPH053	GREECE	1	Cyprodinil	1	0.0070	0.0070	0.0070	
PESTICIDES-FPH053	ITALY	1	Pesticide Screen					
PESTICIDES-FPH053	PHILIPPINES	1	Pesticide Screen					
PESTICIDES-FPH053	SOUTH AFRICA	2	Pesticide Screen					
THIABENDAZOLE	SOUTH AFRICA	1	Thiabendazole					

PEAR NECTAR

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	ITALY	1	Benomyl					
BENOMYL	SPAIN	1	Benomyl					
EBDC(ETU)	ITALY	1	Ethylene Thiourea					
FORMETANATE	ITALY	1	Formetanate					
PESTICIDES-FPH053	ITALY	1	Pesticide Screen	1				
PESTICIDES-FPH053	ITALY	1	Captan	1	0.0200	0.0200	0.0200	
THIABENDAZOLE	ITALY	1	Thiabendazole	1	0.0330	0.0330	0.0330	

PEAR, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	CHILE	1	Benomyl					
BENOMYL	CHINA	7	Benomyl	6	0.0247	0.0005	0.0519	
BENOMYL	FRANCE	1	Benomyl					
BENOMYL	ITALY	1	Benomyl					
BENOMYL	SOUTH AFRICA	3	Benomyl					
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
EBDC(ETU)	CHINA	4	Ethylene Thiourea					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	3	Ethylene Thiourea					

PEAR, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					
FORMETANATE	CHINA	2	Formetanate					
FORMETANATE	SOUTH AFRICA	1	Formetanate					
PESTICIDES-FPH053	CHILE	1	Pesticide Screen	1				
PESTICIDES-FPH053	CHILE	1	Carbaryl	1	0.0860	0.0860	0.0860	
PESTICIDES-FPH053	CHINA	8	Pesticide Screen					
PESTICIDES-FPH053	FRANCE	1	Pesticide Screen					
PESTICIDES-FPH053	ITALY	2	Pesticide Screen					
PESTICIDES-FPH053	SOUTH AFRICA	3	Pesticide Screen	1				
PESTICIDES-FPH053	SOUTH AFRICA	3	Diphenylamine	1	0.0034	0.0034	0.0034	
THIABENDAZOLE	CHINA	4	Thiabendazole					
THIABENDAZOLE	ITALY	1	Thiabendazole					

PEPPER SAUCE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	TURKEY	1	Benomyl					
EBDC(ETU)	TURKEY	1	Ethylene Thiourea					
PESTICIDES-FPH053	TURKEY	1	Pesticide Screen					

PEPPERS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	GUAM	1	Benomyl					
BENOMYL	MEXICO	4	Benomyl					
BENOMYL	PERU	1	Benomyl					
BENOMYL	POLAND	1	Benomyl					
BENOMYL	SOUTH AFRICA	2	Benomyl					
BENOMYL	SPAIN	1	Benomyl					
BENOMYL	TURKEY	3	Benomyl					
EBDC(ETU)	GUAM	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	4	Ethylene Thiourea					
EBDC(ETU)	PERU	1	Ethylene Thiourea					
EBDC(ETU)	POLAND	1	Ethylene Thiourea					
EBDC(ETU)	SOUTH AFRICA	2	Ethylene Thiourea					
EBDC(ETU)	TURKEY	3	Ethylene Thiourea					
PESTICIDES-FPH053	GUAM	1	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	5	Pesticide Screen	3				
PESTICIDES-FPH053	MEXICO	5	Bifenthrin	1	0.0083	0.0083	0.0083	
PESTICIDES-FPH053	MEXICO	5	Captan	1	0.0750	0.0750	0.0750	
PESTICIDES-FPH053	MEXICO	5	Chlorpyrifos	2	0.0313	0.0140	0.0486	

PEPPERS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	PERU	1	Pesticide Screen					
PESTICIDES-FPH053	POLAND	1	Pesticide Screen					
PESTICIDES-FPH053	SOUTH AFRICA	2	Pesticide Screen					
PESTICIDES-FPH053	SPAIN	1	Pesticide Screen					
PESTICIDES-FPH053	TURKEY	1	Pesticide Screen					
THIABENDAZOLE	MEXICO	3	Thiabendazole					

PEPPERS, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					

PEPPERS, HOT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					
PESTICIDES-FPH053	MEXICO	2	Pesticide Screen	1				
PESTICIDES-FPH053	MEXICO	2	Chlorpyrifos	1	0.0290	0.0290	0.0290	
THIABENDAZOLE	MEXICO	2	Thiabendazole					

PICKLES, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	INDIA	8	Benomyl					
BENOMYL	IRAN	1	Benomyl					
BENOMYL	POLAND	1	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl					
EBDC(ETU)	BOSNIA & HERCEGOVINA	1	Ethylene Thiourea					
EBDC(ETU)	INDIA	5	Ethylene Thiourea					
EBDC(ETU)	IRAN	1	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	2	Ethylene Thiourea					

PICKLES, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	INDIA	6	Pesticide Screen	2				
PESTICIDES-FPH053	INDIA	6	Metalaxyl	2	0.0097	0.0059	0.0135	
PESTICIDES-FPH053	IRAN	1	Pesticide Screen					
PESTICIDES-FPH053	POLAND	1	Pesticide Screen					
PESTICIDES-FPH053	TAIWAN	1	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	2	Pesticide Screen					
THIABENDAZOLE	INDIA	1	Thiabendazole					
THIABENDAZOLE	TAIWAN	1	Thiabendazole					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

PINEAPPLE AND PAPAYA

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	DOMINICAN REPUBLIC	1	Benomyl					
EBDC(ETU)	DOMINICAN REPUBLIC	1	Ethylene Thiourea					
FORMETANATE	DOMINICAN REPUBLIC	1	Formetanate					
PESTICIDES-FPH053	DOMINICAN REPUBLIC	1	Pesticide Screen					
THIABENDAZOLE	DOMINICAN REPUBLIC	1	Thiabendazole					

PINEAPPLE NECTAR

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	1	Benomyl					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen	1				
PESTICIDES-FPH053	MEXICO	1	Carbaryl	1	0.0189	0.0189	0.0189	

PINEAPPLE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
BENOMYL	INDONESIA	1	Benomyl					
BENOMYL	PHILIPPINES	3	Benomyl					
BENOMYL	THAILAND	20	Benomyl					
BENOMYL	VIETNAM	3	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	PAKISTAN	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	8	Ethylene Thiourea					

PINEAPPLE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	VIETNAM	2	Ethylene Thiourea					
FORMETANATE	THAILAND	2	Formetanate					
FORMETANATE	VIETNAM	1	Formetanate					
PESTICIDES-FPH053	CHINA	2	Pesticide Screen	1				
PESTICIDES-FPH053	INDONESIA	1	Pesticide Screen					
PESTICIDES-FPH053	PAKISTAN	1	Pesticide Screen					
PESTICIDES-FPH053	PHILIPPINES	2	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	20	Pesticide Screen	12				
PESTICIDES-FPH053	THAILAND	20	2-phenylphenol (ortho-phenylphenol)	12	0.0245	0.0137	0.0530	
PESTICIDES-FPH053	VIETNAM	2	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					
THIABENDAZOLE	THAILAND	3	Thiabendazole					
THIABENDAZOLE	VIETNAM	1	Thiabendazole					

PLUM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	HONG KONG	1	Benomyl					
EBDC(ETU)	HONG KONG	1	Ethylene Thiourea					
PESTICIDES-FPH053	HONG KONG	1	Pesticide Screen					

POTATO, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
PESTICIDES-FPH053	BELGIUM	1	Pesticide Screen					

PUMPKIN, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

RADISH, CANNED

RADISH, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	2	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
EBDC(ETU)	TAIWAN	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	2	Pesticide Screen					

RAMBUTAN, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	THAILAND	2	Benomyl					
PESTICIDES-FPH053	THAILAND	2	Pesticide Screen	1				
PESTICIDES-FPH053	THAILAND	2	2-phenylphenol (ortho-phenylphenol)	1	0.0092	0.0092	0.0092	
THIABENDAZOLE	THAILAND	1	Thiabendazole					

RASPBERRY JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CROATIA	1	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	CROATIA	1	Ethylene Thiourea					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
PESTICIDES-FPH053	CROATIA	1	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					

RASPBERRY, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHILE	1	Benomyl	1	0.0088	0.0088	0.0088	
EBDC(ETU)	CHILE	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHILE	1	Pesticide Screen					

REDCURRANT JELLY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	FRANCE	1	Benomyl					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					

REDCURRANT JELLY

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PESTICIDES-FPH053	FRANCE	1	Pesticide Screen					

RELISH, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	TRINIDAD & TOBAGO	2	Benomyl					
EBDC(ETU)	TRINIDAD & TOBAGO	3	Ethylene Thiourea					
PESTICIDES-FPH053	TRINIDAD & TOBAGO	3	Pesticide Screen					
THIABENDAZOLE	TRINIDAD & TOBAGO	1	Thiabendazole					

RHUBARB, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	POLAND	1	Benomyl					
PESTICIDES-FPH053	POLAND	1	Pesticide Screen					

SALSA SAUCE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	1	Benomyl					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					

SALSIFY, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positve[a]	Mean	Min	Max	Violations
BENOMYL	BELGIUM	1	Benomyl					
EBDC(ETU)	BELGIUM	1	Ethylene Thiourea					
PESTICIDES-FPH053	BELGIUM	1	Pesticide Screen					

SALTED LETTUCE IN SOY SAUCE

SALTED LETTUCE IN SOY SAUCE

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	TAIWAN	1	Benomyl					
EBDC(ETU)	TAIWAN	1	Ethylene Thiourea					
PESTICIDES-FPH053	TAIWAN	1	Pesticide Screen					

SAUERKRAUT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	2	Benomyl					
EBDC(ETU)	UNITED STATES	1	Ethylene Thiourea					
FORMETANATE	UNITED STATES	1	Formetanate					
PESTICIDES-FPH053	UNITED STATES	2	Pesticide Screen					
THIABENDAZOLE	UNITED STATES	1	Thiabendazole					

SPINACH, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	FRANCE	1	Benomyl					
BENOMYL	THAILAND	1	Benomyl					
BENOMYL	UNITED STATES	2	Benomyl					
EBDC(ETU)	FRANCE	1	Ethylene Thiourea					
EBDC(ETU)	NETHERLANDS	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
PESTICIDES-FPH053	FRANCE	1	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	1	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	3	Pesticide Screen	3				
PESTICIDES-FPH053	UNITED STATES	3	Cypermethrin	2	0.5002	0.4560	0.5443	2
PESTICIDES-FPH053	UNITED STATES	3	Permethrin	2	0.0320	0.0220	0.0420	

STRAWBERRY JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	TURKEY	1	Benomyl					
EBDC(ETU)	TURKEY	1	Ethylene Thiourea					
PESTICIDES-FPH053	TURKEY	1	Pesticide Screen					

STRAWBERRY, CANNED

STRAWBERRY, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	SPAIN	3	Benomyl					
EBDC(ETU)	CHILE	2	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
PESTICIDES-FPH053	SPAIN	3	Pesticide Screen					

STRAWBERRY, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	3	Benomyl	1	0.0140	0.0140	0.0140	
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	3	Pesticide Screen					

SUEDOISE SALAD

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	POLAND	1	Benomyl					
PESTICIDES-FPH053	POLAND	1	Pesticide Screen					

SUGAR PALM, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	PHILIPPINES	1	Benomyl					
PESTICIDES-FPH053	PHILIPPINES	1	Pesticide Screen					

SWEET POTATO, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	UNITED STATES	1	Benomyl					

TOMATILLOS, CANNED

TOMATILLOS, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	4	Benomyl					
EBDC(ETU)	MEXICO	3	Ethylene Thiourea					
PESTICIDES-FPH053	MEXICO	3	Pesticide Screen					

TOMATO, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	BULGARIA	1	Benomyl					
BENOMYL	ITALY	6	Benomyl					
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	TURKEY	2	Benomyl					
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	BULGARIA	1	Ethylene Thiourea					
EBDC(ETU)	ITALY	5	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	TURKEY	2	Ethylene Thiourea					
PESTICIDES-FPH053	BULGARIA	1	Pesticide Screen					
PESTICIDES-FPH053	ITALY	6	Pesticide Screen	1				
PESTICIDES-FPH053	ITALY	6	2-phenylphenol (ortho-phenylphenol)	1	0.0110	0.0110	0.0110	
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	TURKEY	2	Pesticide Screen					
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	ITALY	2	Thiabendazole					
THIABENDAZOLE	MEXICO	1	Thiabendazole					
THIABENDAZOLE	TURKEY	1	Thiabendazole					

VEGETABLE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
BENOMYL	COSTA RICA	1	Benomyl					
BENOMYL	ECUADOR	2	Benomyl					
BENOMYL	EGYPT	1	Benomyl					
BENOMYL	FRANCE	1	Benomyl					
BENOMYL	SPAIN	4	Benomyl	1	0.0093	0.0093	0.0093	
BENOMYL	UNITED STATES	1	Benomyl					
EBDC(ETU)	ECUADOR	1	Ethylene Thiourea					
EBDC(ETU)	EGYPT	1	Ethylene Thiourea					
EBDC(ETU)	INDIA	2	Ethylene Thiourea					
EBDC(ETU)	MEXICO	1	Ethylene Thiourea					
EBDC(ETU)	PHILIPPINES	1	Ethylene Thiourea					

VEGETABLE, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	SPAIN	1	Ethylene Thiourea					
EBDC(ETU)	THAILAND	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen	1				
PESTICIDES-FPH053	CHINA	1	Azinphos-ethyl	1	0.0520	0.0520	0.0520	
PESTICIDES-FPH053	COSTA RICA	1	Pesticide Screen					
PESTICIDES-FPH053	ECUADOR	2	Pesticide Screen					
PESTICIDES-FPH053	INDIA	2	Pesticide Screen	1				
PESTICIDES-FPH053	INDIA	2	Ethion	1	0.3440	0.3440	0.3440	1
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	PHILIPPINES	1	Pesticide Screen	1				
PESTICIDES-FPH053	PHILIPPINES	1	Prochloraz	1	0.0150	0.0150	0.0150	
PESTICIDES-FPH053	SPAIN	4	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	1	Pesticide Screen	1				
PESTICIDES-FPH053	THAILAND	1	2-phenylphenol (ortho-phenylphenol)	1	0.1030	0.1030	0.1030	
PESTICIDES-FPH053	UNITED STATES	1	Pesticide Screen					
THIABENDAZOLE	CHINA	1	Thiabendazole					

WATER CHESTNUT, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	5	Benomyl					
BENOMYL	THAILAND	3	Benomyl					
EBDC(ETU)	CHINA	2	Ethylene Thiourea					
EBDC(ETU)	THAILAND	2	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	5	Pesticide Screen					
PESTICIDES-FPH053	THAILAND	3	Pesticide Screen					

WOODAPPLE JAM

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	SRI LANKA	1	Benomyl					
EBDC(ETU)	SRI LANKA	1	Ethylene Thiourea					
PESTICIDES-FPH053	SRI LANKA	1	Pesticide Screen					

YUCCA/CASSAVA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COSTA RICA	2	Benomyl					

YUCCA/CASSAVA, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
EBDC(ETU)	COSTA RICA	2	Ethylene Thiourea					
FORMETANATE	COSTA RICA	1	Formetanate					
PESTICIDES-FPH053	COSTA RICA	1	Pesticide Screen					
THIABENDAZOLE	COSTA RICA	1	Thiabendazole					

YUCCA/CASSAVA, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	COSTA RICA	1	Benomyl					
EBDC(ETU)	COSTA RICA	1	Ethylene Thiourea					
PESTICIDES-FPH053	COSTA RICA	1	Pesticide Screen					

ZUCCHINI, CANNED

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	MEXICO	1	Benomyl					
BENOMYL	TURKEY	1	Benomyl					
PESTICIDES-FPH053	MEXICO	1	Pesticide Screen					
PESTICIDES-FPH053	TURKEY	1	Pesticide Screen					

ZUCCHINI, FROZEN

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
BENOMYL	CHINA	1	Benomyl					
EBDC(ETU)	CHINA	1	Ethylene Thiourea					
PESTICIDES-FPH053	CHINA	1	Pesticide Screen					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Import Processed Fruit & Vegetable Products

ACKEE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1410	0.1410	0.1410		
Arsenic	1	0					
Boron	1	1	1.5830	1.5830	1.5830		
Cadmium	1	1	0.0288	0.0288	0.0288		
Chromium	1	1	0.0240	0.0240	0.0240		
Copper	1	1	2.3470	2.3470	2.3470		
Iron	1	1	4.9510	4.9510	4.9510		
Lead	1	0					
Manganese	1	1	1.6890	1.6890	1.6890		
Mercury	1	0					
Nickel	1	1	0.2390	0.2390	0.2390		
Selenium	1	0					
Tin	1	1	25.7800	25.7800	25.7800		
Titanium	1	1	0.8390	0.8390	0.8390		
Zinc	1	1	4.0070	4.0070	4.0070		
All Metals and Elements	15	11					

APPLES, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.3180	0.2510	0.3850		
Arsenic	2	0					
Boron	2	2	2.7775	2.4230	3.1320		
Cadmium	2	0					
Chromium	2	2	0.0135	0.0110	0.0160		
Copper	2	2	0.3770	0.2870	0.4670		
Iron	2	2	3.5025	1.0070	5.9980		
Lead	2	1	0.0058	0.0058	0.0058		
Manganese	2	2	0.5285	0.2890	0.7680		
Mercury	2	0					
Nickel	2	2	0.0290	0.0120	0.0460		
Selenium	2	0					
Tin	2	2	0.4265	0.2510	0.6020		
Titanium	2	1	0.1040	0.1040	0.1040		
Zinc	2	2	0.4420	0.3030	0.5810		
All Metals and Elements	30	20					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

APRICOT JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	1.2650	0.5910	2.1500		
Arsenic	3	0					
Boron	3	3	3.1850	2.1600	4.5720		
Cadmium	3	0					
Chromium	3	2	0.0245	0.0190	0.0300		
Copper	3	3	0.2380	0.1170	0.3280		
Iron	3	3	1.9270	1.2370	2.5030		
Lead	3	2	0.0057	0.0045	0.0069		
Manganese	3	3	0.2583	0.1920	0.3560		
Mercury	3	0					
Nickel	3	3	0.0630	0.0260	0.1070		
Selenium	3	0					
Tin	3	3	0.7083	0.0730	1.9630		
Titanium	3	2	0.1210	0.1120	0.1300		
Zinc	3	3	0.6193	0.3900	0.9780		
All Metals and Elements	45	30					

APRICOT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	2	1.9780	0.1660	3.7900		
Arsenic	4	1	0.0052	0.0052	0.0052		
Boron	4	4	3.4640	2.3650	4.3760		
Cadmium	4	0					
Chromium	4	3	0.0373	0.0260	0.0460		
Copper	4	4	0.3675	0.2500	0.5770		
Iron	4	4	3.0503	1.7760	5.2630		
Lead	4	4	0.0223	0.0024	0.0506		
Manganese	4	4	0.3138	0.1530	0.5690		
Mercury	4	0					
Nickel	4	4	0.0313	0.0220	0.0460		
Selenium	4	0					
Tin	4	4	114.0445	2.8780	237.0000		
Titanium	4	2	0.1475	0.1090	0.1860		
Zinc	4	4	1.1235	0.6340	2.3280		
All Metals and Elements	60	40					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

APRICOT, DRIED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	9.0250	7.4000	10.6500		1
Arsenic	2	2	0.0161	0.0101	0.0220		
Boron	2	2	32.6750	30.2000	35.1500		2
Cadmium	2	1	0.0027	0.0027	0.0027		
Chromium	2	2	0.1085	0.0670	0.1500		
Copper	2	2	3.8800	3.4000	4.3600		
Iron	2	2	15.8400	14.2800	17.4000		
Lead	2	2	0.0190	0.0119	0.0260		
Manganese	2	2	2.4665	1.9930	2.9400		
Mercury	1	0					
Nickel	2	2	0.8230	0.7100	0.9360		
Selenium	2	2	0.0650	0.0200	0.1100		
Tin	2	2	1.4775	0.4000	2.5550		
Titanium	2	2	1.0610	0.3000	1.8220		
Zinc	2	2	3.5180	2.8000	4.2360		
All Metals and Elements	29	27					3

ARTICHOKE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	14	11	0.9526	0.1400	2.9000		
Arsenic	14	5	0.0080	0.0050	0.0100		
Boron	14	14	2.0267	0.9640	4.5000		
Cadmium	14	6	0.0131	0.0037	0.0200		
Chromium	14	14	0.0909	0.0400	0.2210		
Copper	14	13	0.7253	0.2390	1.3400		
Iron	14	14	4.2916	2.0550	12.3000		
Lead	14	11	0.0277	0.0070	0.0800		
Manganese	14	14	1.2154	0.7890	2.4760		
Mercury	9	0					
Nickel	14	14	0.0961	0.0320	0.2700		
Selenium	14	4	0.0248	0.0210	0.0300		
Tin	14	14	50.1879	0.2000	153.3000		
Titanium	14	10	0.3833	0.0300	0.6450		
Zinc	14	14	2.3077	1.2380	5.6600		
All Metals and Elements	205	158					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ASPARAGUS, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	17	17	1.4079	0.4750	3.7210		
Arsenic	17	6	0.0088	0.0052	0.0205		
Boron	17	17	0.8876	0.4920	1.9010		
Cadmium	17	7	0.0235	0.0027	0.0991		
Chromium	17	15	0.0223	0.0120	0.0370		
Copper	17	17	0.8081	0.4390	1.2520		
Iron	17	17	20.6258	6.2380	60.9700		1
Lead	17	14	0.0085	0.0024	0.0700		
Manganese	17	17	1.0796	0.5630	2.6750		
Mercury	16	0					
Nickel	17	17	0.1253	0.0300	0.4090		
Selenium	17	5	0.0526	0.0210	0.1230		
Tin	17	17	2.8676	0.0320	22.8800		
Titanium	17	16	0.4282	0.1790	0.7960		
Zinc	17	17	2.6471	1.2020	4.9830		
All Metals and Elements	254	199					1

ASPARAGUS, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	2.5485	2.3500	2.7470		
Arsenic	2	0					
Boron	2	2	1.7340	1.5320	1.9360		
Cadmium	2	0					
Chromium	2	2	0.0105	0.0100	0.0110		
Copper	2	2	1.2700	1.2410	1.2990		
Iron	2	2	7.7095	7.6300	7.7890		
Lead	2	2	0.0049	0.0047	0.0050		
Manganese	2	2	2.3250	2.0810	2.5690		
Mercury	2	0					
Nickel	2	2	0.4475	0.2940	0.6010		
Selenium	2	0					
Tin	2	2	0.0320	0.0280	0.0360		
Titanium	2	2	0.7500	0.7490	0.7510		
Zinc	2	2	4.4360	4.2240	4.6480		
All Metals and Elements	30	22					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BAMBOO SHOOTS, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	15	11	0.3922	0.1170	2.4480		
Arsenic	15	0					
Boron	15	8	0.2078	0.1170	0.3930		
Cadmium	15	2	0.0056	0.0054	0.0057		
Chromium	15	3	0.0113	0.0110	0.0120		
Copper	15	12	0.2037	0.0780	0.4000		
Iron	15	14	4.5543	1.4060	14.0000		1
Lead	15	11	0.0191	0.0061	0.0351		
Manganese	15	14	1.1088	0.3800	2.6190		
Mercury	12	0					
Nickel	15	5	0.0256	0.0100	0.0530		
Selenium	15	0					
Tin	15	13	6.4167	0.2230	45.8800		
Titanium	15	9	0.2201	0.1010	0.3870		
Zinc	15	15	1.4626	0.8450	3.6210		
All Metals and Elements	222	117					1

BANANA BLOSSOM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1450	0.1450	0.1450		
Arsenic	1	0					
Boron	1	1	0.3990	0.3990	0.3990		
Cadmium	1	0					
Chromium	1	1	0.0110	0.0110	0.0110		
Copper	1	1	0.4060	0.4060	0.4060		
Iron	1	1	3.4530	3.4530	3.4530		
Lead	1	0					
Manganese	1	1	5.6150	5.6150	5.6150		
Mercury	1	0					
Nickel	1	1	0.0190	0.0190	0.0190		
Selenium	1	0					
Tin	1	1	0.0590	0.0590	0.0590		
Titanium	1	1	0.1640	0.1640	0.1640		
Zinc	1	1	0.8620	0.8620	0.8620		
All Metals and Elements	15	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BANANA, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	0.3270	0.3270	0.3270		
Cadmium	1	0					
Chromium	1	1	0.0160	0.0160	0.0160		
Copper	1	1	0.5730	0.5730	0.5730		
Iron	1	1	8.5560	8.5560	8.5560		
Lead	1	1	0.0031	0.0031	0.0031		
Manganese	1	1	5.6370	5.6370	5.6370		
Mercury	1	0					
Nickel	1	1	0.0170	0.0170	0.0170		
Selenium	1	0					
Tin	1	1	3.8450	3.8450	3.8450		
Titanium	1	1	0.3110	0.3110	0.3110		
Zinc	1	1	0.7970	0.7970	0.7970		
All Metals and Elements	15	10					

BEAN, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	27	25	2.0152	0.1480	20.7000		1
Arsenic	27	10	0.0108	0.0054	0.0200		
Boron	27	27	1.7509	0.1390	5.9000		3
Cadmium	27	12	0.0080	0.0028	0.0168		
Chromium	27	20	0.0789	0.0110	0.6800		
Copper	27	27	1.9208	0.2630	15.6000		
Iron	27	27	14.4667	4.4000	35.4000		
Lead	27	14	0.0531	0.0025	0.5865		
Manganese	27	27	6.3315	0.2010	98.1000		1
Mercury	20	0					
Nickel	27	26	0.5503	0.0240	6.3600		1
Selenium	27	14	0.0638	0.0200	0.2000		
Tin	24	20	1.1782	0.0580	8.9000		
Tin	3	3	88.3837	0.7510	261.6000	1	
Titanium	27	21	0.7213	0.0300	2.1190		
Zinc	27	27	4.6316	1.1400	10.5500		
All Metals and Elements	398	300				1	6

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BEAN, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.3133	0.2570	0.4000		
Arsenic	3	0					
Boron	3	3	2.1490	1.8000	2.3860		
Cadmium	3	1	0.0325	0.0325	0.0325		
Chromium	3	2	0.0220	0.0200	0.0240		
Copper	3	3	1.5973	0.6160	3.4760		
Iron	3	3	12.9450	6.8000	24.7800		
Lead	3	1	0.0135	0.0135	0.0135		
Manganese	3	3	7.4107	1.5600	18.9700		1
Mercury	2	0					
Nickel	3	3	0.3580	0.1180	0.6060		
Selenium	3	0					
Tin	3	1	0.1980	0.1980	0.1980		
Titanium	3	2	1.4045	0.6200	2.1890		
Zinc	3	3	8.7693	2.7000	20.6900		1
All Metals and Elements	44	28					2

BEETS, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	1.4250	0.4730	3.1000		
Arsenic	3	1	0.0100	0.0100	0.0100		
Boron	3	3	1.6950	1.0720	2.0130		
Cadmium	3	3	0.0202	0.0092	0.0415		
Chromium	3	2	0.1025	0.0390	0.1660		
Copper	3	2	0.6615	0.6080	0.7150		
Iron	3	3	4.2493	3.1500	6.3000		
Lead	3	2	0.0310	0.0119	0.0500		
Manganese	3	3	1.7783	1.1800	2.3330		
Mercury	2	0					
Nickel	3	2	0.0655	0.0610	0.0700		
Selenium	3	0					
Tin	3	2	2.4575	0.5000	4.4150		
Titanium	3	2	0.2030	0.1860	0.2200		
Zinc	3	3	2.3410	1.3520	3.2810		
All Metals and Elements	44	31					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BEGONIA FRUIT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.3000	0.3000	0.3000		
Arsenic	1	0					
Boron	1	1	2.4000	2.4000	2.4000		
Cadmium	1	0					
Chromium	1	1	0.0500	0.0500	0.0500		
Copper	1	0					
Iron	1	1	14.1000	14.1000	14.1000		
Lead	1	0					
Manganese	1	1	0.2300	0.2300	0.2300		
Nickel	1	1	0.0700	0.0700	0.0700		
Selenium	1	0					
Tin	1	1	0.4000	0.4000	0.4000		
Titanium	1	1	1.0000	1.0000	1.0000		
Zinc	1	1	0.3000	0.3000	0.3000		
All Metals and Elements	14	9					

BLACKBERRY PULP							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	7.3440	7.3440	7.3440		
Arsenic	1	0					
Boron	1	1	0.9080	0.9080	0.9080		
Cadmium	1	1	0.0021	0.0021	0.0021		
Chromium	1	1	0.0150	0.0150	0.0150		
Copper	1	1	0.1380	0.1380	0.1380		
Iron	1	1	4.8470	4.8470	4.8470		
Lead	1	1	0.0352	0.0352	0.0352		
Manganese	1	1	4.4210	4.4210	4.4210		
Mercury	1	0					
Nickel	1	1	0.0710	0.0710	0.0710		
Selenium	1	0					
Tin	1	1	0.0450	0.0450	0.0450		
Titanium	1	1	0.3340	0.3340	0.3340		
Zinc	1	1	1.2010	1.2010	1.2010		
All Metals and Elements	15	12					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BROCCOLI, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	2.8500	2.8000	2.9000		
Arsenic	2	2	0.0100	0.0100	0.0100		
Boron	2	2	4.6000	4.1000	5.1000		1
Cadmium	2	2	0.0150	0.0100	0.0200		
Chromium	2	0					
Copper	2	0					
Iron	2	2	4.9000	3.8000	6.0000		
Lead	2	2	0.0400	0.0400	0.0400		
Manganese	2	2	2.4850	1.7500	3.2200		
Nickel	2	2	0.1600	0.1300	0.1900		
Selenium	2	0					
Tin	2	1	0.2000	0.2000	0.2000		
Titanium	2	0					
Zinc	2	2	2.1700	1.4200	2.9200		
All Metals and Elements	28	19					1

BROCCOLI, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.3030	0.1730	0.4330		
Arsenic	2	2	0.0064	0.0056	0.0072		
Boron	2	2	2.6600	1.8380	3.4820		
Cadmium	2	2	0.0062	0.0026	0.0098		
Chromium	2	0					
Copper	2	2	0.3580	0.2840	0.4320		
Iron	2	2	4.7795	3.8050	5.7540		
Lead	2	1	0.0032	0.0032	0.0032		
Manganese	2	2	1.9440	1.5390	2.3490		
Mercury	2	0					
Nickel	2	2	0.0600	0.0350	0.0850		
Selenium	2	0					
Tin	2	2	0.2040	0.0440	0.3640		
Titanium	2	2	0.4915	0.4140	0.5690		
Zinc	2	2	1.8920	1.8730	1.9110		
All Metals and Elements	30	23					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

BRUSSELS SPROUT, FRESH							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.2870	0.2870	0.2870		
Arsenic	1	0					
Boron	1	1	1.5350	1.5350	1.5350		
Cadmium	1	1	0.0055	0.0055	0.0055		
Chromium	1	1	0.0280	0.0280	0.0280		
Copper	1	1	0.3450	0.3450	0.3450		
Iron	1	1	4.4240	4.4240	4.4240		
Lead	1	1	0.0032	0.0032	0.0032		
Manganese	1	1	1.2470	1.2470	1.2470		
Mercury	1	0					
Nickel	1	1	0.0920	0.0920	0.0920		
Selenium	1	0					
Tin	1	1	1.3980	1.3980	1.3980		
Titanium	1	1	0.6130	0.6130	0.6130		
Zinc	1	1	2.1700	2.1700	2.1700		
All Metals and Elements	15	12					

CABBAGE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	5.5660	5.5660	5.5660		
Arsenic	1	1	0.0205	0.0205	0.0205		
Boron	1	1	1.4560	1.4560	1.4560		
Cadmium	1	1	0.0115	0.0115	0.0115		
Chromium	1	1	0.0430	0.0430	0.0430		
Copper	1	1	0.3870	0.3870	0.3870		
Iron	1	1	20.6900	20.6900	20.6900		
Lead	1	1	0.4865	0.4865	0.4865		1
Manganese	1	1	0.8940	0.8940	0.8940		
Mercury	1	0					
Nickel	1	1	0.0430	0.0430	0.0430		
Selenium	1	0					
Tin	1	1	0.3180	0.3180	0.3180		
Titanium	1	1	0.3980	0.3980	0.3980		
Zinc	1	1	1.3540	1.3540	1.3540		
All Metals and Elements	15	13					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CACTUS SHOOT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	1.1845	0.7030	1.6660		
Arsenic	2	1	0.0065	0.0065	0.0065		
Boron	2	2	1.1985	0.8530	1.5440		
Cadmium	2	1	0.0103	0.0103	0.0103		
Chromium	2	2	0.0250	0.0130	0.0370		
Copper	2	2	0.2545	0.2290	0.2800		
Iron	2	2	56.3535	3.4070	109.3000		1
Lead	2	2	0.0081	0.0070	0.0091		
Manganese	2	2	18.2615	3.3030	33.2200		1
Mercury	2	0					
Nickel	2	2	0.1025	0.0990	0.1060		
Selenium	2	0					
Tin	2	2	0.2860	0.0700	0.5020		
Titanium	2	2	0.1600	0.1440	0.1760		
Zinc	2	2	0.7760	0.6040	0.9480		
All Metals and Elements	30	24					2

CALLALOO, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	3.0050	3.0050	3.0050		
Arsenic	1	0					
Boron	1	1	2.2380	2.2380	2.2380		
Cadmium	1	1	0.0545	0.0545	0.0545		
Chromium	1	1	0.0200	0.0200	0.0200		
Copper	1	1	0.4260	0.4260	0.4260		
Iron	1	1	14.7700	14.7700	14.7700		
Lead	1	0					
Manganese	1	1	3.8500	3.8500	3.8500		
Mercury	1	0					
Nickel	1	1	0.0190	0.0190	0.0190		
Selenium	1	0					
Tin	1	1	0.8440	0.8440	0.8440		
Titanium	1	1	0.3180	0.3180	0.3180		
Zinc	1	1	2.3710	2.3710	2.3710		
All Metals and Elements	15	11					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CARROT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	0.9772	0.2250	2.6000		
Arsenic	5	1	0.0100	0.0100	0.0100		
Boron	5	5	1.9852	1.0990	3.6000		
Cadmium	5	4	0.0093	0.0027	0.0200		
Chromium	5	3	0.0373	0.0170	0.0700		
Copper	5	4	0.3250	0.2410	0.4030		
Iron	5	5	6.7984	2.8830	15.5000		
Lead	5	5	0.0229	0.0025	0.0500		
Manganese	5	5	0.9446	0.4530	1.8800		
Mercury	3	0					
Nickel	5	5	0.0586	0.0180	0.1300		
Selenium	5	0					
Tin	5	3	1.7520	0.2640	3.8960		
Titanium	5	4	0.2025	0.0400	0.4050		
Zinc	5	5	1.2942	0.7360	2.0390		
All Metals and Elements	73	54					

CARROT, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.3220	0.3220	0.3220		
Arsenic	1	0					
Boron	1	1	2.2300	2.2300	2.2300		
Cadmium	1	1	0.0202	0.0202	0.0202		
Chromium	1	0					
Copper	1	1	0.2560	0.2560	0.2560		
Iron	1	1	3.1800	3.1800	3.1800		
Lead	1	1	0.0161	0.0161	0.0161		
Manganese	1	1	1.7950	1.7950	1.7950		
Mercury	1	0					
Nickel	1	1	0.0290	0.0290	0.0290		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.2750	0.2750	0.2750		
Zinc	1	1	3.0620	3.0620	3.0620		
All Metals and Elements	15	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CAULIFLOWER, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.2190	0.2190	0.2190		
Arsenic	1	0					
Boron	1	1	2.4550	2.4550	2.4550		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.3040	0.3040	0.3040		
Iron	1	1	4.9320	4.9320	4.9320		
Lead	1	0					
Manganese	1	1	1.4160	1.4160	1.4160		
Mercury	1	0					
Nickel	1	1	0.0690	0.0690	0.0690		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.4650	0.4650	0.4650		
Zinc	1	1	2.5150	2.5150	2.5150		
All Metals and Elements	15	8					

CELERIAC, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.6650	0.6650	0.6650		
Arsenic	1	0					
Boron	1	1	2.0450	2.0450	2.0450		
Cadmium	1	1	0.0232	0.0232	0.0232		
Chromium	1	0					
Copper	1	1	0.3540	0.3540	0.3540		
Iron	1	1	3.2390	3.2390	3.2390		
Lead	1	1	0.0041	0.0041	0.0041		
Manganese	1	1	0.5060	0.5060	0.5060		
Mercury	1	0					
Nickel	1	1	0.0440	0.0440	0.0440		
Selenium	1	0					
Tin	1	1	0.2530	0.2530	0.2530		
Titanium	1	1	0.2450	0.2450	0.2450		
Zinc	1	1	1.0150	1.0150	1.0150		
All Metals and Elements	15	11					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CELERY, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.2230	0.2230	0.2230		
Arsenic	1	0					
Boron	1	1	2.3650	2.3650	2.3650		
Cadmium	1	1	0.0099	0.0099	0.0099		
Chromium	1	1	0.0150	0.0150	0.0150		
Copper	1	1	0.4540	0.4540	0.4540		
Iron	1	1	2.0050	2.0050	2.0050		
Lead	1	0					
Manganese	1	1	0.2740	0.2740	0.2740		
Mercury	1	0					
Nickel	1	1	0.0190	0.0190	0.0190		
Selenium	1	0					
Tin	1	1	0.0460	0.0460	0.0460		
Titanium	1	1	0.1130	0.1130	0.1130		
Zinc	1	1	0.7550	0.7550	0.7550		
All Metals and Elements	15	11					

CHERRY, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	2	1.8770	1.0540	2.7000		
Arsenic	4	2	0.0096	0.0091	0.0100		
Boron	4	4	2.3163	0.3400	6.3000		1
Cadmium	4	1	0.0100	0.0100	0.0100		
Chromium	4	2	0.0185	0.0170	0.0200		
Copper	4	4	0.5648	0.2930	1.1200		
Iron	4	4	3.0500	1.4870	4.7000		
Lead	4	2	0.0777	0.0400	0.1153		
Manganese	4	4	0.7190	0.2070	1.3900		
Mercury	3	0					
Nickel	4	3	0.0500	0.0120	0.1200		
Selenium	4	0					
Tin	4	4	1.7023	0.1050	3.3290		
Titanium	4	3	0.3203	0.1660	0.6160		
Zinc	4	3	0.3883	0.3190	0.4980		
All Metals and Elements	59	38					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CHILI, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.3270	0.3270	0.3270		
Arsenic	1	0					
Boron	1	1	1.4210	1.4210	1.4210		
Cadmium	1	1	0.0023	0.0023	0.0023		
Chromium	1	1	0.0310	0.0310	0.0310		
Copper	1	1	0.5900	0.5900	0.5900		
Iron	1	1	3.4080	3.4080	3.4080		
Lead	1	1	0.0031	0.0031	0.0031		
Manganese	1	1	0.7530	0.7530	0.7530		
Mercury	1	0					
Nickel	1	1	0.0170	0.0170	0.0170		
Selenium	1	1	0.0470	0.0470	0.0470		
Tin	1	1	0.0990	0.0990	0.0990		
Titanium	1	1	0.3760	0.3760	0.3760		
Zinc	1	1	1.1900	1.1900	1.1900		
All Metals and Elements	15	13					

CORN, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	8	0.6405	0.1000	2.9000		
Arsenic	12	1	0.0100	0.0100	0.0100		
Boron	12	10	0.3310	0.1130	0.4830		
Cadmium	12	2	0.0079	0.0057	0.0100		
Chromium	12	3	0.0193	0.0160	0.0220		
Copper	12	9	0.3129	0.1570	0.4150		
Iron	12	11	2.5984	1.4020	5.4780		
Lead	12	2	0.0281	0.0061	0.0500		
Manganese	12	11	1.2311	0.3250	2.4210		
Mercury	10	0					
Nickel	12	8	0.0249	0.0110	0.0700		
Selenium	12	2	0.0550	0.0400	0.0700		
Tin	12	12	0.4695	0.0710	1.2810		
Titanium	12	7	0.2500	0.1170	0.5690		
Zinc	12	11	2.9878	1.1750	7.5120		
All Metals and Elements	178	97					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CORN, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	0.8610	0.8610	0.8610		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.4010	0.4010	0.4010		
Iron	1	1	4.0180	4.0180	4.0180		
Lead	1	0					
Manganese	1	1	0.9350	0.9350	0.9350		
Mercury	1	0					
Nickel	1	1	0.0280	0.0280	0.0280		
Selenium	1	0					
Tin	1	1	0.0230	0.0230	0.0230		
Titanium	1	1	0.2180	0.2180	0.2180		
Zinc	1	1	4.5010	4.5010	4.5010		
All Metals and Elements	15	8					

CUCUMBER, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.8083	0.4950	1.3300		
Arsenic	3	1	0.0069	0.0069	0.0069		
Boron	3	3	0.7407	0.4000	0.9180		
Cadmium	3	1	0.0043	0.0043	0.0043		
Chromium	3	3	0.0683	0.0200	0.1640		
Copper	3	2	0.4645	0.3920	0.5370		
Iron	3	3	4.8540	4.4570	5.4000		
Lead	3	1	0.0025	0.0025	0.0025		
Manganese	3	3	0.5540	0.1800	0.9430		
Mercury	2	0					
Nickel	3	3	0.0903	0.0420	0.1590		
Selenium	3	1	0.0500	0.0500	0.0500		
Tin	3	2	0.5825	0.4610	0.7040		
Titanium	3	2	0.4315	0.2810	0.5820		
Zinc	3	3	1.1657	1.0100	1.3000		
All Metals and Elements	44	31					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

CURRENT JAM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	2.6800	2.6800	2.6800		
Arsenic	1	0					
Boron	1	1	0.7150	0.7150	0.7150		
Cadmium	1	1	0.0038	0.0038	0.0038		
Chromium	1	1	0.0370	0.0370	0.0370		
Copper	1	1	0.2290	0.2290	0.2290		
Iron	1	1	5.1480	5.1480	5.1480		
Lead	1	1	0.0166	0.0166	0.0166		
Manganese	1	1	1.2360	1.2360	1.2360		
Mercury	1	0					
Nickel	1	1	0.0640	0.0640	0.0640		
Selenium	1	0					
Tin	1	1	0.2530	0.2530	0.2530		
Titanium	1	1	0.2260	0.2260	0.2260		
Zinc	1	1	0.8190	0.8190	0.8190		
All Metals and Elements	15	12					

DRUMSTICKS, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	5.6840	5.6840	5.6840		
Arsenic	1	1	0.0079	0.0079	0.0079		
Boron	1	1	1.2180	1.2180	1.2180		
Cadmium	1	0					
Chromium	1	1	0.0370	0.0370	0.0370		
Copper	1	1	1.0260	1.0260	1.0260		
Iron	1	1	77.3400	77.3400	77.3400		1
Lead	1	1	0.0096	0.0096	0.0096		
Manganese	1	1	1.1010	1.1010	1.1010		
Mercury	1	0					
Nickel	1	1	0.1300	0.1300	0.1300		
Selenium	1	1	0.1060	0.1060	0.1060		
Tin	1	1	1.5640	1.5640	1.5640		
Titanium	1	1	1.2690	1.2690	1.2690		
Zinc	1	1	1.8450	1.8450	1.8450		
All Metals and Elements	15	13					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

EGGPLANT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	10.8092	0.1330	49.4100		1
Arsenic	5	4	0.0627	0.0051	0.2287		1
Boron	5	5	1.3920	0.7000	2.1240		
Cadmium	5	5	0.0095	0.0028	0.0167		
Chromium	5	4	0.0258	0.0120	0.0520		
Copper	5	5	0.7140	0.5400	0.9340		
Iron	5	5	6.1512	3.0260	12.6100		
Lead	5	5	0.0241	0.0118	0.0500		
Manganese	5	5	2.1700	0.8700	3.6030		
Mercury	4	0					
Nickel	5	5	0.0758	0.0430	0.1200		
Selenium	5	2	0.0665	0.0400	0.0930		
Tin	5	5	0.9908	0.1520	2.2490		
Titanium	5	4	0.4050	0.2560	0.7760		
Zinc	5	5	1.3328	1.0010	1.9660		
All Metals and Elements	74	64					2

FIG JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.8960	0.8960	0.8960		
Arsenic	1	0					
Boron	1	1	2.0630	2.0630	2.0630		
Cadmium	1	0					
Chromium	1	1	0.0160	0.0160	0.0160		
Copper	1	1	0.2100	0.2100	0.2100		
Iron	1	1	2.9770	2.9770	2.9770		
Lead	1	1	0.0025	0.0025	0.0025		
Manganese	1	1	0.6650	0.6650	0.6650		
Mercury	1	0					
Nickel	1	1	0.0760	0.0760	0.0760		
Selenium	1	0					
Tin	1	1	0.2860	0.2860	0.2860		
Titanium	1	1	0.1730	0.1730	0.1730		
Zinc	1	1	1.0900	1.0900	1.0900		
All Metals and Elements	15	11					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

FIG, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.9485	0.5330	1.3640		
Arsenic	2	1	0.0062	0.0062	0.0062		
Boron	2	2	3.0090	1.0180	5.0000		
Cadmium	2	1	0.0030	0.0030	0.0030		
Chromium	2	1	0.0270	0.0270	0.0270		
Copper	2	2	0.4515	0.3560	0.5470		
Iron	2	2	3.4865	2.7850	4.1880		
Lead	2	2	0.0033	0.0032	0.0033		
Manganese	2	2	0.4090	0.3860	0.4320		
Mercury	2	0					
Nickel	2	2	0.0650	0.0590	0.0710		
Selenium	2	0					
Tin	2	2	0.1560	0.0780	0.2340		
Titanium	2	2	0.1700	0.1330	0.2070		
Zinc	2	2	1.0310	0.8900	1.1720		
All Metals and Elements	30	23					

FRUIT COCKTAIL, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	8	0.8765	0.1120	4.8000		
Arsenic	13	1	0.0109	0.0109	0.0109		
Boron	13	13	1.3730	0.7290	3.3000		
Cadmium	13	1	0.0027	0.0027	0.0027		
Chromium	13	12	0.0643	0.0100	0.1200		
Copper	13	13	0.3573	0.1870	0.6500		
Iron	13	12	3.5759	0.4870	21.5000		
Lead	13	9	0.0190	0.0039	0.0564		
Manganese	13	13	2.0734	0.1390	6.5700		
Mercury	9	0					
Nickel	13	13	0.0499	0.0220	0.1300		
Selenium	13	0					
Tin	8	7	58.9501	9.3510	108.9000		
Tin	5	5	173.5080	24.1400	387.1000	1	
Titanium	13	6	0.1050	0.0200	0.3500		
Zinc	13	13	0.5575	0.2660	1.8400		
All Metals and Elements	191	126				1	

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

FRUIT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	6	6	1.8690	0.2390	2.8000		
Arsenic	6	5	0.0076	0.0010	0.0100		
Boron	6	6	1.4485	0.7000	2.2000		
Cadmium	6	6	0.0109	0.0030	0.0200		
Chromium	6	5	0.0993	0.0600	0.1600		
Copper	6	2	0.4065	0.3550	0.4580		
Iron	6	6	3.3210	1.6937	3.9000		
Lead	6	6	0.0458	0.0060	0.0800		
Manganese	6	6	7.1870	0.2100	26.5000		1
Mercury	2	0					
Nickel	6	6	0.1367	0.0330	0.3300		
Selenium	6	2	0.0140	0.0050	0.0230		
Tin	4	4	62.1574	21.5617	112.9000		
Tin	2	2	196.5000	139.0000	254.0000	1	
Titanium	6	2	0.0340	0.0280	0.0400		
Zinc	6	6	0.5727	0.2500	0.9900		
All Metals and Elements	86	70				1	1

GINGER, VINEGAR CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	28.8000	28.8000	28.8000		1
Arsenic	1	1	0.0130	0.0130	0.0130		
Boron	1	1	0.4000	0.4000	0.4000		
Cadmium	1	0					
Chromium	1	1	0.0600	0.0600	0.0600		
Copper	1	0					
Iron	1	1	5.0000	5.0000	5.0000		
Lead	1	1	0.6300	0.6300	0.6300		
Manganese	1	1	3.0900	3.0900	3.0900		
Nickel	1	1	0.0200	0.0200	0.0200		
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	1.1000	1.1000	1.1000		
All Metals and Elements	14	9					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GRAPEFRUIT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	1	0.1080	0.1080	0.1080		
Arsenic	2	1	0.0082	0.0082	0.0082		
Boron	2	2	0.7120	0.7030	0.7210		
Cadmium	2	0					
Chromium	2	2	0.0385	0.0290	0.0480		
Copper	2	2	0.1710	0.1640	0.1780		
Iron	2	2	5.7995	0.7590	10.8400		
Lead	2	2	0.0136	0.0111	0.0160		
Manganese	2	2	0.2335	0.1780	0.2890		
Mercury	2	0					
Nickel	2	2	0.0350	0.0320	0.0380		
Selenium	2	0					
Tin	2	2	72.5300	35.1600	109.9000		
Titanium	2	2	0.1570	0.1400	0.1740		
Zinc	2	2	0.3925	0.3600	0.4250		
All Metals and Elements	30	22					

GUAR, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	3.8780	3.8780	3.8780		
Arsenic	1	0					
Boron	1	1	2.3240	2.3240	2.3240		
Cadmium	1	0					
Chromium	1	1	0.0910	0.0910	0.0910		
Copper	1	1	0.6020	0.6020	0.6020		
Iron	1	1	263.7000	263.7000	263.7000		1
Lead	1	1	0.0130	0.0130	0.0130		
Manganese	1	1	2.8050	2.8050	2.8050		
Mercury	1	0					
Nickel	1	1	0.2600	0.2600	0.2600		
Selenium	1	1	0.0270	0.0270	0.0270		
Tin	1	1	38.1600	38.1600	38.1600		
Titanium	1	1	0.5100	0.5100	0.5100		
Zinc	1	1	2.8240	2.8240	2.8240		
All Metals and Elements	15	12					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

GUAVA JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.4577	0.3530	0.5720		
Arsenic	3	0					
Boron	3	3	0.6290	0.2130	1.4210		
Cadmium	3	0					
Chromium	3	3	0.0233	0.0140	0.0320		
Copper	3	3	0.1830	0.1050	0.3230		
Iron	3	3	1.3283	0.8920	1.7030		
Lead	3	2	0.0045	0.0045	0.0045		
Manganese	3	3	0.3023	0.0880	0.6810		
Mercury	3	0					
Nickel	3	3	0.0370	0.0210	0.0560		
Selenium	3	0					
Tin	3	2	0.1535	0.0500	0.2570		
Titanium	3	1	0.1010	0.1010	0.1010		
Zinc	3	3	0.4240	0.2430	0.7850		
All Metals and Elements	45	29					

GUAVA, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	1	2.6020	2.6020	2.6020		
Arsenic	2	1	0.0056	0.0056	0.0056		
Boron	2	2	0.8490	0.8020	0.8960		
Cadmium	2	0					
Chromium	2	1	0.0240	0.0240	0.0240		
Copper	2	2	0.4760	0.3170	0.6350		
Iron	2	2	23.2950	4.7100	41.8800		
Lead	2	1	0.0083	0.0083	0.0083		
Manganese	2	2	0.9695	0.7360	1.2030		
Mercury	2	0					
Nickel	2	2	0.0495	0.0450	0.0540		
Selenium	2	0					
Tin	2	2	3.3095	1.5830	5.0360		
Titanium	2	1	0.3360	0.3360	0.3360		
Zinc	2	2	1.1825	0.9290	1.4360		
All Metals and Elements	30	19					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

HEART OF PALM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	11	0.4105	0.1070	1.1480		
Arsenic	12	0					
Boron	12	12	1.3203	0.5280	2.2000		
Cadmium	12	7	0.0221	0.0047	0.0300		
Chromium	12	11	0.1832	0.0260	0.9400		
Copper	12	12	0.9332	0.6430	1.1200		
Iron	12	12	11.6628	3.7880	56.3700		1
Lead	12	6	0.0193	0.0100	0.0400		
Manganese	12	12	3.0005	1.2460	5.7800		
Mercury	6	0					
Nickel	12	12	0.1078	0.0280	0.4400		
Selenium	12	10	0.0559	0.0200	0.1800		
Tin	12	12	2.3171	0.3000	19.6900		
Titanium	12	6	0.6988	0.5490	1.0300		
Zinc	12	12	3.9688	2.1210	5.8900		
All Metals and Elements	174	135					1

JACKFRUIT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	5	0.7734	0.1130	2.7000		
Arsenic	7	1	0.0100	0.0100	0.0100		
Boron	7	7	0.8639	0.3590	1.3000		
Cadmium	7	3	0.0054	0.0025	0.0100		
Chromium	7	6	0.0413	0.0130	0.0600		
Copper	7	7	0.6896	0.2010	1.1100		
Iron	7	7	3.2844	1.1760	4.9620		
Lead	7	6	0.0095	0.0020	0.0400		
Manganese	7	7	1.6397	0.4120	4.4240		
Mercury	5	0					
Nickel	7	7	0.0594	0.0110	0.1300		
Selenium	7	0					
Tin	6	6	43.9703	0.6050	110.2000		
Tin	1	1	290.6000	290.6000	290.6000	1	
Titanium	7	4	0.2210	0.1700	0.2850		
Zinc	7	7	0.6367	0.3400	0.9100		
All Metals and Elements	103	74				1	

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

JUICE, APPLE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	0.4807	0.2900	0.7000		
Arsenic	3	1	0.0090	0.0090	0.0090		
Boron	3	3	5.2190	0.4570	13.4000		1
Cadmium	3	0					
Chromium	3	1	0.0240	0.0240	0.0240		
Copper	3	1	0.5080	0.5080	0.5080		
Iron	3	3	0.8663	0.6290	1.2000		
Lead	3	1	0.0066	0.0066	0.0066		
Manganese	3	3	0.7407	0.0990	1.4730		
Mercury	2	0					
Nickel	3	2	0.0910	0.0220	0.1600		
Selenium	3	0					
Tin	3	2	0.1590	0.1540	0.1640		
Titanium	3	1	0.3510	0.3510	0.3510		
Zinc	3	3	0.3230	0.1440	0.4150		
All Metals and Elements	44	24					1

JUICE, PINEAPPLE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1040	0.1040	0.1040		
Arsenic	1	1	0.0083	0.0083	0.0083		
Boron	1	1	0.8750	0.8750	0.8750		
Cadmium	1	1	0.0084	0.0084	0.0084		
Chromium	1	1	0.0140	0.0140	0.0140		
Copper	1	1	0.1760	0.1760	0.1760		
Iron	1	1	1.2670	1.2670	1.2670		
Lead	1	0					
Manganese	1	1	32.2100	32.2100	32.2100		1
Mercury	1	0					
Nickel	1	1	0.0750	0.0750	0.0750		
Selenium	1	0					
Tin	1	1	0.0230	0.0230	0.0230		
Titanium	1	1	0.1300	0.1300	0.1300		
Zinc	1	1	0.8630	0.8630	0.8630		
All Metals and Elements	15	12					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

JUICE, TOMATO							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.5970	0.5970	0.5970		
Arsenic	1	0					
Boron	1	1	0.5950	0.5950	0.5950		
Cadmium	1	1	0.0057	0.0057	0.0057		
Chromium	1	1	0.0130	0.0130	0.0130		
Copper	1	1	0.2750	0.2750	0.2750		
Iron	1	1	1.7620	1.7620	1.7620		
Lead	1	1	0.0055	0.0055	0.0055		
Manganese	1	1	0.4310	0.4310	0.4310		
Mercury	1	0					
Nickel	1	1	0.1530	0.1530	0.1530		
Selenium	1	0					
Tin	1	1	0.1640	0.1640	0.1640		
Titanium	1	1	0.2060	0.2060	0.2060		
Zinc	1	1	0.7710	0.7710	0.7710		
All Metals and Elements	15	12					

KALE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	4.1537	1.0000	7.1640		
Arsenic	3	2	0.0076	0.0051	0.0100		
Boron	3	3	2.5120	1.7990	3.5000		
Cadmium	3	3	0.0185	0.0099	0.0300		
Chromium	3	3	0.0413	0.0190	0.0800		
Copper	3	2	0.2900	0.2600	0.3200		
Iron	3	3	20.6967	13.7100	27.9000		
Lead	3	2	0.0212	0.0153	0.0271		
Manganese	3	3	3.7223	2.3710	4.9900		
Mercury	2	0					
Nickel	3	3	0.0557	0.0200	0.1200		
Selenium	3	1	0.0300	0.0300	0.0300		
Tin	3	3	0.4290	0.1890	0.7000		
Titanium	3	2	0.4815	0.4220	0.5410		
Zinc	3	3	1.6897	1.2760	2.3200		
All Metals and Elements	44	36					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

KETCHUP							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.1320	1.1320	1.1320		
Arsenic	1	1	0.0184	0.0184	0.0184		
Boron	1	1	1.3880	1.3880	1.3880		1
Cadmium	1	1	0.0277	0.0277	0.0277		
Chromium	1	1	0.0190	0.0190	0.0190		
Copper	1	1	0.9040	0.9040	0.9040		
Iron	1	1	5.0040	5.0040	5.0040		
Lead	1	1	0.0126	0.0126	0.0126		
Manganese	1	1	0.9790	0.9790	0.9790		
Mercury	1	0					
Nickel	1	1	0.0460	0.0460	0.0460		
Selenium	1	0					
Tin	1	1	0.0650	0.0650	0.0650		
Titanium	1	1	0.5220	0.5220	0.5220		
Zinc	1	1	1.7680	1.7680	1.7680		
All Metals and Elements	15	13					1

KIWIFRUIT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.8430	1.8430	1.8430		
Arsenic	1	0					
Boron	1	1	1.5660	1.5660	1.5660		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	1.1550	1.1550	1.1550		
Iron	1	1	4.3340	4.3340	4.3340		
Lead	1	0					
Manganese	1	1	0.6170	0.6170	0.6170		
Mercury	1	0					
Nickel	1	1	0.0110	0.0110	0.0110		
Selenium	1	0					
Tin	1	1	0.7400	0.7400	0.7400		
Titanium	1	1	0.8200	0.8200	0.8200		
Zinc	1	1	0.9310	0.9310	0.9310		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

LEEK, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	183.0000	183.0000	183.0000		1
Arsenic	1	0					
Boron	1	1	1.0560	1.0560	1.0560		
Cadmium	1	0					
Chromium	1	1	0.0690	0.0690	0.0690		
Copper	1	1	0.4060	0.4060	0.4060		
Iron	1	1	2.1960	2.1960	2.1960		
Lead	1	1	0.0166	0.0166	0.0166		
Manganese	1	1	0.4440	0.4440	0.4440		
Mercury	1	0					
Nickel	1	1	0.0200	0.0200	0.0200		
Selenium	1	0					
Tin	1	1	1.0380	1.0380	1.0380		
Titanium	1	1	0.2900	0.2900	0.2900		
Zinc	1	1	1.1160	1.1160	1.1160		
All Metals and Elements	15	11					1

LEEK, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.9290	1.9290	1.9290		
Arsenic	1	0					
Boron	1	1	1.7050	1.7050	1.7050		
Cadmium	1	1	0.0051	0.0051	0.0051		
Chromium	1	1	0.0350	0.0350	0.0350		
Copper	1	1	0.2080	0.2080	0.2080		
Iron	1	1	5.1010	5.1010	5.1010		
Lead	1	1	0.0071	0.0071	0.0071		
Manganese	1	1	0.8440	0.8440	0.8440		
Mercury	1	0					
Nickel	1	1	0.0210	0.0210	0.0210		
Selenium	1	0					
Tin	1	1	0.1190	0.1190	0.1190		
Titanium	1	1	0.2000	0.2000	0.2000		
Zinc	1	1	0.8610	0.8610	0.8610		
All Metals and Elements	15	12					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

LONGAN, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	3.2485	2.7440	3.7530		
Arsenic	2	0					
Boron	2	2	0.6420	0.6090	0.6750		
Cadmium	2	0					
Chromium	2	2	0.0520	0.0470	0.0570		
Copper	2	2	0.8285	0.6950	0.9620		
Iron	2	2	1.8820	1.5320	2.2320		
Lead	2	2	0.0039	0.0031	0.0047		
Manganese	2	2	0.3990	0.3930	0.4050		
Mercury	2	0					
Nickel	2	2	0.1410	0.1120	0.1700		
Selenium	2	0					
Tin	2	2	50.7400	48.6700	52.8100		
Titanium	2	2	0.4525	0.3830	0.5220		
Zinc	2	2	1.0635	1.0080	1.1190		
All Metals and Elements	30	22					

LOROCO FLOWER, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.3000	0.3000	0.3000		
Arsenic	1	0					
Boron	1	1	0.6000	0.6000	0.6000		
Cadmium	1	0					
Chromium	1	0					
Copper	1	0					
Iron	1	1	2.7000	2.7000	2.7000		
Lead	1	0					
Manganese	1	1	0.8500	0.8500	0.8500		
Nickel	1	0					
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	1.2800	1.2800	1.2800		
All Metals and Elements	14	5					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

LOTUS ROOT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.6000	1.6000	1.6000		
Arsenic	1	0					
Boron	1	0					
Cadmium	1	0					
Chromium	1	0					
Copper	1	0					
Iron	1	1	6.5000	6.5000	6.5000		
Lead	1	0					
Manganese	1	0					
Nickel	1	0					
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	1.7300	1.7300	1.7300		
All Metals and Elements	14	3					

LYCHEE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	10	1.6281	0.1430	4.1000		
Arsenic	12	1	0.0100	0.0100	0.0100		
Boron	12	12	0.7133	0.2690	1.3000		
Cadmium	12	3	0.0048	0.0020	0.0100		
Chromium	12	12	0.0564	0.0200	0.1200		
Copper	12	12	0.8723	0.6400	1.2000		
Iron	12	12	3.4848	1.2280	10.9200		
Lead	12	8	0.0215	0.0057	0.0735		
Manganese	12	12	0.5587	0.2890	1.3890		
Mercury	8	0					
Nickel	12	12	0.0916	0.0200	0.2500		
Selenium	12	0					
Tin	12	12	83.3758	33.0600	239.3000		
Titanium	12	8	0.2229	0.0100	0.4870		
Zinc	12	12	1.0356	0.4500	1.6100		
All Metals and Elements	176	126					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MANGO JAM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.3000	0.3000	0.3000		
Arsenic	1	0					
Boron	1	1	0.9000	0.9000	0.9000		
Cadmium	1	0					
Chromium	1	1	0.1400	0.1400	0.1400		
Copper	1	0					
Iron	1	1	1.7000	1.7000	1.7000		
Lead	1	1	0.0150	0.0150	0.0150		
Manganese	1	1	0.2400	0.2400	0.2400		
Nickel	1	1	0.0700	0.0700	0.0700		
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	0.6000	0.6000	0.6000		
All Metals and Elements	14	8					

MANGO, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	12	7	1.8414	0.1050	6.6000		
Arsenic	12	1	0.0083	0.0083	0.0083		
Boron	12	12	0.5170	0.2020	1.3680		
Cadmium	12	2	0.0086	0.0072	0.0100		
Chromium	12	3	0.0467	0.0160	0.1040		
Copper	12	11	0.4242	0.1540	0.6870		
Iron	12	12	3.0430	0.8590	6.2570		
Lead	12	6	0.0149	0.0035	0.0400		
Manganese	12	12	0.6574	0.2210	1.4060		
Mercury	10	0					
Nickel	12	10	0.0446	0.0120	0.1200		
Selenium	12	1	0.0200	0.0200	0.0200		
Tin	12	12	16.2423	0.2990	164.0000		
Titanium	12	4	0.1960	0.1120	0.3210		
Zinc	12	12	0.5458	0.3000	0.9900		
All Metals and Elements	178	105					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MANGO, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1010	0.1010	0.1010		
Arsenic	1	0					
Boron	1	1	0.6220	0.6220	0.6220		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.4140	0.4140	0.4140		
Iron	1	1	1.2710	1.2710	1.2710		
Lead	1	0					
Manganese	1	1	1.1970	1.1970	1.1970		
Mercury	1	0					
Nickel	1	1	0.0200	0.0200	0.0200		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.1370	0.1370	0.1370		
Zinc	1	1	0.4620	0.4620	0.4620		
All Metals and Elements	15	8					

MUSHROOM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	43	41	3.7518	0.1170	15.5000		4
Arsenic	43	28	0.0179	0.0053	0.0804		
Boron	43	32	0.3574	0.1110	1.4620		
Cadmium	43	19	0.0211	0.0022	0.1222		1
Chromium	43	35	0.0448	0.0100	0.4000		
Copper	43	38	1.0066	0.1270	3.3480		
Iron	43	43	6.1063	1.4000	13.8400		
Lead	43	28	0.0254	0.0025	0.0972		
Manganese	43	40	0.4586	0.0590	2.9630		
Mercury	31	0					
Nickel	43	31	0.4577	0.0100	12.3000		2
Selenium	43	12	0.0473	0.0200	0.1700		
Tin	43	42	55.4702	0.0460	238.6000		
Titanium	43	29	0.2155	0.1010	1.1560		
Zinc	43	43	3.2697	0.6380	6.1300		
All Metals and Elements	633	461					7

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

MUSHROOM, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	1	0.0151	0.0151	0.0151		
Boron	1	1	0.4530	0.4530	0.4530		
Cadmium	1	1	0.0028	0.0028	0.0028		
Chromium	1	0					
Copper	1	1	2.1650	2.1650	2.1650		
Iron	1	1	2.1200	2.1200	2.1200		
Lead	1	0					
Manganese	1	1	1.6410	1.6410	1.6410		
Mercury	1	0					
Nickel	1	0					
Selenium	1	1	0.0860	0.0860	0.0860		
Tin	1	0					
Titanium	1	1	0.1370	0.1370	0.1370		
Zinc	1	1	3.4900	3.4900	3.4900		
All Metals and Elements	15	9					

OKRA, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.6500	1.6500	1.6500		
Arsenic	1	1	0.0086	0.0086	0.0086		
Boron	1	1	1.8890	1.8890	1.8890		
Cadmium	1	1	0.0098	0.0098	0.0098		
Chromium	1	1	0.0310	0.0310	0.0310		
Copper	1	1	0.8640	0.8640	0.8640		
Iron	1	1	6.7980	6.7980	6.7980		
Lead	1	1	0.0056	0.0056	0.0056		
Manganese	1	1	2.6810	2.6810	2.6810		
Mercury	1	0					
Nickel	1	1	0.1830	0.1830	0.1830		
Selenium	1	0					
Tin	1	1	0.8950	0.8950	0.8950		
Titanium	1	1	0.5960	0.5960	0.5960		
Zinc	1	1	3.8860	3.8860	3.8860		
All Metals and Elements	15	13					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

OKRA, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.5150	0.5150	0.5150		
Arsenic	1	0					
Boron	1	1	2.5050	2.5050	2.5050		
Cadmium	1	1	0.0077	0.0077	0.0077		
Chromium	1	0					
Copper	1	1	0.8660	0.8660	0.8660		
Iron	1	1	4.1180	4.1180	4.1180		
Lead	1	0					
Manganese	1	1	3.3430	3.3430	3.3430		
Mercury	1	0					
Nickel	1	1	0.0130	0.0130	0.0130		
Selenium	1	0					
Tin	1	1	0.1280	0.1280	0.1280		
Titanium	1	1	0.7620	0.7620	0.7620		
Zinc	1	1	5.1580	5.1580	5.1580		
All Metals and Elements	15	10					

OLIVES, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	9	1.4271	0.1430	5.5000		
Arsenic	10	6	0.0366	0.0053	0.1777		
Boron	10	10	2.7618	0.8870	12.1200		1
Cadmium	10	3	0.0096	0.0089	0.0100		
Chromium	10	10	0.0368	0.0120	0.0700		
Copper	10	10	1.2070	0.5220	2.2640		
Iron	10	10	45.8075	1.8500	91.7000		4
Lead	10	9	0.0917	0.0048	0.6195		
Manganese	10	10	0.6497	0.3210	0.9500		
Mercury	6	0					
Nickel	10	10	0.0524	0.0130	0.1300		
Selenium	10	2	0.0475	0.0210	0.0740		
Tin	10	10	0.6641	0.2600	2.0040		
Titanium	10	4	0.1845	0.0500	0.4250		
Zinc	10	10	1.1932	0.5300	2.4870		
All Metals and Elements	146	113					5

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ONION, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	2.9530	2.9530	2.9530		
Arsenic	1	1	0.0096	0.0096	0.0096		
Boron	1	1	0.3470	0.3470	0.3470		
Cadmium	1	0					
Chromium	1	1	0.1950	0.1950	0.1950		
Copper	1	1	0.4900	0.4900	0.4900		
Iron	1	1	4.4570	4.4570	4.4570		
Lead	1	1	0.1078	0.1078	0.1078		
Manganese	1	1	0.3670	0.3670	0.3670		
Mercury	1	0					
Nickel	1	1	0.1070	0.1070	0.1070		
Selenium	1	0					
Tin	1	1	0.3570	0.3570	0.3570		
Titanium	1	1	0.1630	0.1630	0.1630		
Zinc	1	1	0.7620	0.7620	0.7620		
All Metals and Elements	15	12					

ORANGE JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.2030	0.2030	0.2030		
Arsenic	1	0					
Boron	1	1	0.5560	0.5560	0.5560		
Cadmium	1	0					
Chromium	1	1	0.0630	0.0630	0.0630		
Copper	1	1	0.1480	0.1480	0.1480		
Iron	1	1	1.8730	1.8730	1.8730		
Lead	1	0					
Manganese	1	1	0.4920	0.4920	0.4920		
Mercury	1	0					
Nickel	1	1	0.0170	0.0170	0.0170		
Selenium	1	0					
Tin	1	1	1.8230	1.8230	1.8230		
Titanium	1	0					
Zinc	1	1	0.2000	0.2000	0.2000		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ORANGES, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	13	5	1.0812	0.1010	2.5000		
Arsenic	13	2	0.0100	0.0100	0.0100		
Boron	13	12	0.5230	0.2930	1.0000		
Cadmium	13	2	0.0100	0.0100	0.0100		
Chromium	13	11	0.0652	0.0370	0.1100		
Copper	13	10	0.1916	0.1130	0.3230		
Iron	13	13	3.9574	1.5640	8.9670		
Lead	13	11	0.0439	0.0121	0.0996		
Manganese	13	12	0.3309	0.1710	0.7000		
Mercury	10	0					
Nickel	13	12	0.0534	0.0190	0.1400		
Selenium	13	0					
Tin	13	13	68.5835	1.0850	122.5000		
Titanium	13	8	0.1569	0.1030	0.2400		
Zinc	13	12	0.5392	0.3300	0.9500		
All Metals and Elements	192	123					

PAPAYA, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	1.2990	1.2990	1.2990		
Cadmium	1	0					
Chromium	1	1	0.0340	0.0340	0.0340		
Copper	1	1	0.2030	0.2030	0.2030		
Iron	1	1	1.9640	1.9640	1.9640		
Lead	1	1	0.0033	0.0033	0.0033		
Manganese	1	1	1.6230	1.6230	1.6230		
Mercury	1	0					
Nickel	1	1	0.0430	0.0430	0.0430		
Selenium	1	0					
Tin	1	1	66.4400	66.4400	66.4400		
Titanium	1	0					
Zinc	1	1	0.7720	0.7720	0.7720		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PAPAYA, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.2140	0.2140	0.2140		
Arsenic	1	0					
Boron	1	1	1.7620	1.7620	1.7620		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.2490	0.2490	0.2490		
Iron	1	1	1.4730	1.4730	1.4730		
Lead	1	0					
Manganese	1	1	0.1460	0.1460	0.1460		
Mercury	1	0					
Nickel	1	0					
Selenium	1	0					
Tin	1	0					
Titanium	1	0					
Zinc	1	1	0.6010	0.6010	0.6010		
All Metals and Elements	15	6					

PASSIONFRUIT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.8100	0.2050	1.4150		
Arsenic	2	0					
Boron	2	2	0.5905	0.5610	0.6200		
Cadmium	2	2	0.0132	0.0067	0.0196		
Chromium	2	2	0.0260	0.0180	0.0340		
Copper	2	2	0.3690	0.1840	0.5540		
Iron	2	2	2.4060	1.9650	2.8470		
Lead	2	0					
Manganese	2	2	0.5280	0.1750	0.8810		
Mercury	2	0					
Nickel	2	2	0.1180	0.0510	0.1850		
Selenium	2	0					
Tin	2	2	0.2400	0.1110	0.3690		
Titanium	2	2	0.1840	0.1120	0.2560		
Zinc	2	2	1.7195	0.7670	2.6720		
All Metals and Elements	30	22					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEA, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	3	0.4983	0.1230	0.7000		
Arsenic	5	3	0.0069	0.0059	0.0081		
Boron	5	5	1.3878	0.9580	1.8710		
Cadmium	5	3	0.0102	0.0033	0.0224		
Chromium	5	2	0.0455	0.0110	0.0800		
Copper	5	5	1.7764	1.1780	2.8200		
Iron	5	5	14.0210	6.2240	21.4000		
Lead	5	0					
Manganese	5	5	2.3492	1.3640	3.1240		
Mercury	4	0					
Nickel	5	5	0.3014	0.0440	1.0600		1
Selenium	5	2	0.1065	0.0500	0.1630		
Tin	5	4	1.5863	0.0920	5.1260		
Titanium	5	4	0.8825	0.6570	1.1060		
Zinc	5	5	5.9112	3.5960	7.7600		
All Metals and Elements	74	51					1

PEA, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.7500	0.7500	0.7500		
Arsenic	1	0					
Boron	1	1	2.1880	2.1880	2.1880		
Cadmium	1	0					
Chromium	1	1	0.0110	0.0110	0.0110		
Copper	1	1	2.2970	2.2970	2.2970		
Iron	1	1	25.4700	25.4700	25.4700		
Lead	1	0					
Manganese	1	1	5.0560	5.0560	5.0560		
Mercury	1	0					
Nickel	1	1	0.3960	0.3960	0.3960		
Selenium	1	0					
Tin	1	1	0.3320	0.3320	0.3320		
Titanium	1	1	2.2370	2.2370	2.2370		
Zinc	1	1	12.1900	12.1900	12.1900		
All Metals and Elements	15	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEACH NECTAR							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	0.4370	0.4370	0.4370		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.0830	0.0830	0.0830		
Iron	1	1	0.5230	0.5230	0.5230		
Lead	1	0					
Manganese	1	1	0.0860	0.0860	0.0860		
Mercury	1	0					
Nickel	1	1	0.0150	0.0150	0.0150		
Selenium	1	0					
Tin	1	1	1.8210	1.8210	1.8210		
Titanium	1	0					
Zinc	1	1	0.3340	0.3340	0.3340		
All Metals and Elements	15	7					

PEACH, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	3	0.1683	0.1100	0.2820		
Arsenic	11	2	0.0053	0.0050	0.0055		
Boron	11	11	2.0402	0.8780	3.7040		1
Cadmium	11	0					
Chromium	11	10	0.0304	0.0180	0.0420		
Copper	11	11	0.4540	0.2510	0.6310		
Iron	11	11	2.2996	0.7820	5.7200		
Lead	11	9	0.0278	0.0095	0.0746		
Manganese	11	11	0.2690	0.1250	0.5770		
Mercury	11	0					
Nickel	11	11	0.0714	0.0190	0.1700		
Selenium	11	0					
Tin	11	11	68.2242	0.5450	152.0000		
Titanium	11	5	0.1470	0.1240	0.1790		
Zinc	11	11	0.5630	0.3360	0.8980		
All Metals and Elements	165	106					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEAR NECTAR							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1250	0.1250	0.1250		
Arsenic	1	0					
Boron	1	1	1.5410	1.5410	1.5410		
Cadmium	1	0					
Chromium	1	1	0.0150	0.0150	0.0150		
Copper	1	1	0.3530	0.3530	0.3530		
Iron	1	1	0.7730	0.7730	0.7730		
Lead	1	0					
Manganese	1	1	0.1490	0.1490	0.1490		
Mercury	1	0					
Nickel	1	1	0.0170	0.0170	0.0170		
Selenium	1	0					
Tin	1	1	0.9370	0.9370	0.9370		
Titanium	1	1	0.2040	0.2040	0.2040		
Zinc	1	1	0.4080	0.4080	0.4080		
All Metals and Elements	15	10					

PEAR, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	4	0.2683	0.1440	0.5000		
Arsenic	11	1	0.0569	0.0569	0.0569		
Boron	11	11	1.4533	0.8000	2.3070		
Cadmium	11	2	0.0036	0.0035	0.0036		
Chromium	11	10	0.0370	0.0120	0.0700		
Copper	11	11	0.5051	0.2150	1.4700		
Iron	11	11	2.2215	0.8480	4.6000		
Lead	11	10	0.0270	0.0072	0.0941		
Manganese	11	11	0.3237	0.1200	0.6800		
Mercury	9	0					
Nickel	11	10	0.0472	0.0190	0.0890		
Selenium	11	0					
Tin	11	11	61.6868	1.1850	140.0000		
Titanium	11	3	0.0860	0.0200	0.1270		
Zinc	11	11	0.7513	0.3450	3.0600		
All Metals and Elements	163	106					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEPPER SAUCE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.8550	1.8550	1.8550		
Arsenic	1	1	0.0192	0.0192	0.0192		
Boron	1	1	3.1240	3.1240	3.1240		
Cadmium	1	1	0.0243	0.0243	0.0243		
Chromium	1	1	0.0790	0.0790	0.0790		
Copper	1	1	2.9080	2.9080	2.9080		
Iron	1	1	12.6000	12.6000	12.6000		
Lead	1	1	0.0138	0.0138	0.0138		
Manganese	1	1	3.6810	3.6810	3.6810		
Mercury	1	0					
Nickel	1	1	0.9280	0.9280	0.9280		
Selenium	1	1	0.6430	0.6430	0.6430		
Tin	1	1	0.6030	0.6030	0.6030		
Titanium	1	1	1.6510	1.6510	1.6510		
Zinc	1	1	3.8270	3.8270	3.8270		
All Metals and Elements	15	14					

PEPPERS, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	10	0.4742	0.1170	1.0040		
Arsenic	11	1	0.0212	0.0212	0.0212		
Boron	11	11	0.8376	0.4480	1.2910		
Cadmium	11	3	0.0079	0.0034	0.0119		
Chromium	11	11	0.0730	0.0110	0.2420		
Copper	11	11	0.4453	0.2450	0.8980		
Iron	11	11	12.2814	2.3340	86.2700		1
Lead	11	9	0.0066	0.0024	0.0135		
Manganese	11	11	0.7565	0.2160	1.4810		
Mercury	10	0					
Nickel	11	11	0.1267	0.0130	0.2660		
Selenium	11	2	0.0335	0.0310	0.0360		
Tin	11	11	7.7499	0.1560	72.1400		
Titanium	11	10	0.1952	0.0400	0.4590		
Zinc	11	11	1.0439	0.3030	1.6320		
All Metals and Elements	164	123					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PEPPERS, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.3060	0.3060	0.3060		
Arsenic	1	0					
Boron	1	1	1.3440	1.3440	1.3440		
Cadmium	1	0					
Chromium	1	1	0.0220	0.0220	0.0220		
Copper	1	1	0.5840	0.5840	0.5840		
Iron	1	1	3.5570	3.5570	3.5570		
Lead	1	0					
Manganese	1	1	0.6430	0.6430	0.6430		
Mercury	1	0					
Nickel	1	1	0.0300	0.0300	0.0300		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.2040	0.2040	0.2040		
Zinc	1	1	1.4710	1.4710	1.4710		
All Metals and Elements	15	9					

PEPPERS, HOT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	0.7694	0.6720	1.1000		
Arsenic	5	5	0.0146	0.0070	0.0273		
Boron	5	5	1.3618	1.0000	1.8000		
Cadmium	5	3	0.0231	0.0034	0.0400		
Chromium	5	4	0.1538	0.0300	0.3950		
Copper	5	4	0.8148	0.3370	1.9400		
Iron	5	5	9.6428	2.7000	17.3000		
Lead	5	3	0.0062	0.0050	0.0070		
Manganese	5	5	1.2512	0.3400	3.8800		
Mercury	2	0					
Nickel	5	5	0.1558	0.0150	0.5800		
Selenium	5	0					
Tin	5	3	2.9510	1.0000	5.5970		
Titanium	5	2	0.2570	0.2200	0.2940		
Zinc	5	5	1.2530	0.5740	3.2200		
All Metals and Elements	72	54					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PICKLES, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	11	10	1.4009	0.4650	3.9220		
Arsenic	11	5	0.0074	0.0054	0.0128		
Boron	11	11	0.8849	0.3000	2.0000		
Cadmium	11	1	0.0200	0.0200	0.0200		
Chromium	11	10	0.0646	0.0300	0.1860		
Copper	11	10	0.4220	0.2780	0.5510		
Iron	11	11	5.3260	2.2620	8.3000		
Lead	11	10	0.0161	0.0048	0.0600		
Manganese	11	10	0.7076	0.2120	1.3600		
Mercury	9	0					
Nickel	11	10	0.0864	0.0240	0.3160		
Selenium	11	1	0.0290	0.0290	0.0290		
Tin	11	10	0.5432	0.0890	1.2370		
Titanium	11	10	0.2897	0.0400	0.5180		
Zinc	11	11	1.5685	0.5630	5.7000		
All Metals and Elements	163	120					

PINEAPPLE NECTAR							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	0.2230	0.2230	0.2230		
Cadmium	1	0					
Chromium	1	1	0.0120	0.0120	0.0120		
Copper	1	1	0.0560	0.0560	0.0560		
Iron	1	1	0.6560	0.6560	0.6560		
Lead	1	1	0.0026	0.0026	0.0026		
Manganese	1	1	4.8230	4.8230	4.8230		
Mercury	1	0					
Nickel	1	1	0.0350	0.0350	0.0350		
Selenium	1	0					
Tin	1	1	0.7940	0.7940	0.7940		
Titanium	1	0					
Zinc	1	1	0.2200	0.2200	0.2200		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

PINEAPPLE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	30	10	0.7592	0.1120	3.5000		
Arsenic	30	7	0.0090	0.0064	0.0110		
Boron	30	28	0.7035	0.3330	1.4000		
Cadmium	30	6	0.0199	0.0091	0.0641		
Chromium	30	28	0.0691	0.0120	0.1500		
Copper	30	26	0.4563	0.1230	0.9190		
Iron	30	29	2.1842	1.0660	4.5000		
Lead	30	27	0.0214	0.0022	0.1400		
Manganese	30	30	16.5211	1.1750	40.0000		11
Mercury	24	0					
Nickel	30	28	0.1123	0.0170	0.5190		
Selenium	30	0					
Tin	30	30	80.8937	0.2000	192.2000		
Titanium	30	9	0.1561	0.1010	0.2220		
Zinc	30	30	0.7706	0.3500	1.4800		
All Metals and Elements	444	288					11

PLUM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	40.8600	40.8600	40.8600		1
Arsenic	1	1	0.0191	0.0191	0.0191		
Boron	1	1	2.9710	2.9710	2.9710		
Cadmium	1	0					
Chromium	1	1	0.0730	0.0730	0.0730		
Copper	1	1	1.4540	1.4540	1.4540		
Iron	1	1	44.5700	44.5700	44.5700		
Lead	1	1	0.1879	0.1879	0.1879		
Manganese	1	1	4.0900	4.0900	4.0900		
Mercury	1	0					
Nickel	1	1	0.0690	0.0690	0.0690		
Selenium	1	1	0.1110	0.1110	0.1110		
Tin	1	1	1.8560	1.8560	1.8560		
Titanium	1	1	1.7510	1.7510	1.7510		
Zinc	1	1	3.1010	3.1010	3.1010		
All Metals and Elements	15	13					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

POTATO, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	3.7025	2.5000	4.9050		
Arsenic	2	2	0.0085	0.0070	0.0100		
Boron	2	2	1.3630	1.1260	1.6000		
Cadmium	2	2	0.0701	0.0601	0.0800		
Chromium	2	2	0.0320	0.0240	0.0400		
Copper	2	2	1.2415	0.8930	1.5900		
Iron	2	2	7.5250	4.1000	10.9500		
Lead	2	2	0.0271	0.0042	0.0500		
Manganese	2	2	1.3335	0.7800	1.8870		
Mercury	1	0					
Nickel	2	2	3.6660	0.0720	7.2600		1
Selenium	2	1	0.0360	0.0360	0.0360		
Tin	2	2	0.8310	0.4000	1.2620		
Titanium	2	1	0.7710	0.7710	0.7710		
Zinc	2	2	2.6925	2.2150	3.1700		
All Metals and Elements	29	26					1

PUMPKIN, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	2.2000	2.2000	2.2000		
Arsenic	1	0					
Boron	1	1	2.5000	2.5000	2.5000		
Cadmium	1	0					
Chromium	1	1	0.0500	0.0500	0.0500		
Copper	1	1	0.6800	0.6800	0.6800		
Iron	1	1	9.9000	9.9000	9.9000		
Lead	1	1	0.0800	0.0800	0.0800		
Manganese	1	1	1.0900	1.0900	1.0900		
Nickel	1	1	0.2200	0.2200	0.2200		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.0700	0.0700	0.0700		
Zinc	1	1	2.6400	2.6400	2.6400		
All Metals and Elements	14	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RADISH, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	11.1947	1.2840	21.9700		2
Arsenic	3	3	0.0151	0.0068	0.0204		
Boron	3	3	1.8380	1.5990	2.0870		
Cadmium	3	3	0.0136	0.0054	0.0228		
Chromium	3	3	0.0490	0.0390	0.0650		
Copper	3	3	0.6340	0.4080	0.8190		
Iron	3	3	37.9037	8.5310	72.9100		1
Lead	3	3	0.0822	0.0241	0.1141		
Manganese	3	3	1.7150	1.0110	2.4570		
Mercury	3	0					
Nickel	3	3	0.0927	0.0380	0.1290		
Selenium	3	3	0.0727	0.0620	0.0880		
Tin	3	3	1.1600	0.3630	2.5060		
Titanium	3	3	1.2973	0.6370	2.0020		
Zinc	3	3	1.7350	1.5370	2.0180		
All Metals and Elements	45	42					3

RAMBUTAN, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	0					
Boron	1	1	0.2350	0.2350	0.2350		
Cadmium	1	0					
Chromium	1	1	0.0490	0.0490	0.0490		
Copper	1	1	0.6280	0.6280	0.6280		
Iron	1	1	1.5260	1.5260	1.5260		
Lead	1	1	0.0233	0.0233	0.0233		
Manganese	1	1	4.4650	4.4650	4.4650		
Mercury	1	0					
Nickel	1	1	0.0500	0.0500	0.0500		
Selenium	1	0					
Tin	1	1	52.2300	52.2300	52.2300		
Titanium	1	0					
Zinc	1	1	0.5040	0.5040	0.5040		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RASPBERRY JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	1.3135	1.0650	1.5620		
Arsenic	2	0					
Boron	2	2	1.2975	1.2280	1.3670		
Cadmium	2	2	0.0119	0.0082	0.0156		
Chromium	2	2	0.0320	0.0210	0.0430		
Copper	2	2	0.5635	0.3460	0.7810		
Iron	2	2	3.8360	3.6520	4.0200		
Lead	2	2	0.0050	0.0032	0.0067		
Manganese	2	2	4.8530	1.5920	8.1140		
Mercury	2	0					
Nickel	2	2	0.1890	0.1800	0.1980		
Selenium	2	0					
Tin	2	2	0.4835	0.1830	0.7840		
Titanium	2	2	0.2375	0.2090	0.2660		
Zinc	2	2	1.7330	1.3430	2.1230		
All Metals and Elements	30	24					

RASPBERRY, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	6.0820	6.0820	6.0820		
Arsenic	1	1	0.0140	0.0140	0.0140		
Boron	1	1	3.7310	3.7310	3.7310		
Cadmium	1	0					
Chromium	1	1	0.0210	0.0210	0.0210		
Copper	1	1	0.6690	0.6690	0.6690		
Iron	1	1	9.0120	9.0120	9.0120		
Lead	1	1	0.0042	0.0042	0.0042		
Manganese	1	1	5.2190	5.2190	5.2190		
Mercury	1	0					
Nickel	1	1	0.0730	0.0730	0.0730		
Selenium	1	0					
Tin	1	1	0.1090	0.1090	0.1090		
Titanium	1	1	0.7380	0.7380	0.7380		
Zinc	1	1	2.6620	2.6620	2.6620		
All Metals and Elements	15	12					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

REDCURRANT JELLY							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.5680	0.5680	0.5680		
Arsenic	1	0					
Boron	1	1	1.1390	1.1390	1.1390		
Cadmium	1	1	0.0030	0.0030	0.0030		
Chromium	1	1	0.0140	0.0140	0.0140		
Copper	1	1	0.2070	0.2070	0.2070		
Iron	1	1	2.8000	2.8000	2.8000		
Lead	1	1	0.0104	0.0104	0.0104		
Manganese	1	1	0.7110	0.7110	0.7110		
Mercury	1	0					
Nickel	1	1	0.0340	0.0340	0.0340		
Selenium	1	0					
Tin	1	1	0.1060	0.1060	0.1060		
Titanium	1	1	0.1090	0.1090	0.1090		
Zinc	1	1	0.5880	0.5880	0.5880		
All Metals and Elements	15	12					

RELISH, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	1.2415	1.1830	1.3000		
Arsenic	2	1	0.0050	0.0050	0.0050		
Boron	2	2	1.0480	0.8000	1.2960		
Cadmium	2	1	0.0029	0.0029	0.0029		
Chromium	2	2	0.0685	0.0670	0.0700		
Copper	2	1	1.0020	1.0020	1.0020		
Iron	2	2	5.5890	5.3000	5.8780		
Lead	2	2	0.0533	0.0106	0.0960		
Manganese	2	2	2.9275	0.8400	5.0150		
Mercury	1	0					
Nickel	2	2	0.1255	0.1100	0.1410		
Selenium	2	2	0.0340	0.0300	0.0380		
Tin	2	1	0.3720	0.3720	0.3720		
Titanium	2	1	0.5620	0.5620	0.5620		
Zinc	2	2	1.8635	1.3000	2.4270		
All Metals and Elements	29	23					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

RHUBARB, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	6.0600	6.0600	6.0600		
Arsenic	1	0					
Boron	1	1	1.6530	1.6530	1.6530		
Cadmium	1	1	0.0300	0.0300	0.0300		
Chromium	1	1	0.0210	0.0210	0.0210		
Copper	1	1	0.2290	0.2290	0.2290		
Iron	1	1	3.4380	3.4380	3.4380		
Lead	1	1	0.0221	0.0221	0.0221		
Manganese	1	1	3.3380	3.3380	3.3380		
Mercury	1	0					
Nickel	1	1	0.1250	0.1250	0.1250		
Selenium	1	0					
Tin	1	1	0.0290	0.0290	0.0290		
Titanium	1	1	0.2530	0.2530	0.2530		
Zinc	1	1	2.4910	2.4910	2.4910		
All Metals and Elements	15	12					

SALSA SAUCE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.5790	0.5790	0.5790		
Arsenic	1	0					
Boron	1	1	0.6120	0.6120	0.6120		
Cadmium	1	1	0.0027	0.0027	0.0027		
Chromium	1	1	0.0310	0.0310	0.0310		
Copper	1	1	0.4030	0.4030	0.4030		
Iron	1	1	6.1920	6.1920	6.1920		
Lead	1	1	0.0061	0.0061	0.0061		
Manganese	1	1	0.8670	0.8670	0.8670		
Mercury	1	0					
Nickel	1	1	0.0600	0.0600	0.0600		
Selenium	1	0					
Tin	1	1	0.5570	0.5570	0.5570		
Titanium	1	1	0.3340	0.3340	0.3340		
Zinc	1	1	1.9680	1.9680	1.9680		
All Metals and Elements	15	12					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SALTED LETTUCE IN SOY SAUCE							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.0170	1.0170	1.0170		
Arsenic	1	0					
Boron	1	1	1.3190	1.3190	1.3190		
Cadmium	1	0					
Chromium	1	1	0.0450	0.0450	0.0450		
Copper	1	1	0.1580	0.1580	0.1580		
Iron	1	1	7.1910	7.1910	7.1910		
Lead	1	1	0.0573	0.0573	0.0573		
Manganese	1	1	1.8020	1.8020	1.8020		
Mercury	1	0					
Nickel	1	1	0.1680	0.1680	0.1680		
Selenium	1	1	0.0490	0.0490	0.0490		
Tin	1	1	1.6930	1.6930	1.6930		
Titanium	1	1	0.3910	0.3910	0.3910		
Zinc	1	1	1.6950	1.6950	1.6950		
All Metals and Elements	15	12					

SAUERKRAUT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1320	0.1320	0.1320		
Arsenic	1	0					
Boron	1	1	2.2080	2.2080	2.2080		
Cadmium	1	1	0.0033	0.0033	0.0033		
Chromium	1	0					
Copper	1	1	0.2120	0.2120	0.2120		
Iron	1	1	3.0020	3.0020	3.0020		
Lead	1	1	0.0025	0.0025	0.0025		
Manganese	1	1	1.0090	1.0090	1.0090		
Mercury	1	0					
Nickel	1	1	0.0120	0.0120	0.0120		
Selenium	1	0					
Tin	1	1	0.1450	0.1450	0.1450		
Titanium	1	1	0.1950	0.1950	0.1950		
Zinc	1	1	0.8520	0.8520	0.8520		
All Metals and Elements	15	11					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SPINACH, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	2.4617	1.6210	3.9790		
Arsenic	3	1	0.0053	0.0053	0.0053		
Boron	3	3	1.8463	1.1030	2.8090		
Cadmium	3	2	0.0663	0.0307	0.1018		
Chromium	3	2	0.0200	0.0180	0.0220		
Copper	3	3	0.4673	0.3460	0.6030		
Iron	3	3	9.2067	4.9800	11.8300		
Lead	3	2	0.0068	0.0045	0.0090		
Manganese	3	3	5.6383	3.6080	9.0800		
Mercury	3	0					
Nickel	3	3	0.0203	0.0180	0.0240		
Selenium	3	0					
Tin	3	3	1.1913	0.7980	1.8170		
Titanium	3	3	0.2930	0.2780	0.3070		
Zinc	3	3	2.1680	2.0100	2.4570		
All Metals and Elements	45	34					

STRAWBERRY JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.1570	1.1570	1.1570		
Arsenic	1	0					
Boron	1	1	0.5630	0.5630	0.5630		
Cadmium	1	0					
Chromium	1	1	0.0250	0.0250	0.0250		
Copper	1	0					
Iron	1	1	1.7610	1.7610	1.7610		
Lead	1	1	0.0075	0.0075	0.0075		
Manganese	1	1	1.0260	1.0260	1.0260		
Mercury	1	0					
Nickel	1	1	0.0530	0.0530	0.0530		
Selenium	1	0					
Tin	1	1	0.2580	0.2580	0.2580		
Titanium	1	0					
Zinc	1	1	0.6620	0.6620	0.6620		
All Metals and Elements	15	9					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

STRAWBERRY, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	5	5	0.4956	0.1800	1.1000		
Arsenic	5	2	0.0177	0.0153	0.0200		
Boron	5	5	1.5082	0.7230	2.6000		
Cadmium	5	1	0.0100	0.0100	0.0100		
Chromium	5	2	0.0715	0.0230	0.1200		
Copper	5	5	0.4498	0.2090	0.7500		
Iron	5	5	34.3868	2.6180	155.0000		1
Lead	5	1	0.0035	0.0035	0.0035		
Manganese	5	5	3.1120	1.3110	5.5100		
Mercury	4	0					
Nickel	5	5	0.0748	0.0110	0.2600		
Selenium	5	1	0.0300	0.0300	0.0300		
Tin	5	5	1.4518	0.5970	4.5000		
Titanium	5	4	0.4538	0.1500	0.8240		
Zinc	5	5	1.2906	0.6060	2.4500		
All Metals and Elements	74	51					1

STRAWBERRY, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	3	3	2.8897	1.3000	5.2480		
Arsenic	3	2	0.0070	0.0062	0.0077		
Boron	3	3	1.7393	1.0250	2.4000		
Cadmium	3	2	0.0215	0.0030	0.0400		
Chromium	3	2	0.0180	0.0110	0.0250		
Copper	3	2	0.4775	0.4410	0.5140		
Iron	3	3	7.1153	5.7880	8.1580		
Lead	3	3	0.0162	0.0117	0.0200		
Manganese	3	3	6.0840	3.7330	8.2600		
Mercury	2	0					
Nickel	3	3	0.0933	0.0290	0.1400		
Selenium	3	0					
Tin	3	3	0.2737	0.0440	0.4770		
Titanium	3	2	0.4530	0.3990	0.5070		
Zinc	3	3	1.3047	0.7400	2.0700		
All Metals and Elements	44	34					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SUEDOISE SALAD							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.4930	0.4930	0.4930		
Arsenic	1	1	0.0061	0.0061	0.0061		
Boron	1	1	1.1090	1.1090	1.1090		
Cadmium	1	0					
Chromium	1	1	0.0270	0.0270	0.0270		
Copper	1	1	0.4650	0.4650	0.4650		
Iron	1	1	3.6710	3.6710	3.6710		
Lead	1	1	0.0024	0.0024	0.0024		
Manganese	1	1	0.8620	0.8620	0.8620		
Mercury	1	0					
Nickel	1	1	0.0660	0.0660	0.0660		
Selenium	1	0					
Tin	1	1	0.0540	0.0540	0.0540		
Titanium	1	1	0.3340	0.3340	0.3340		
Zinc	1	1	1.4800	1.4800	1.4800		
All Metals and Elements	15	12					

SUGAR PALM, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1650	0.1650	0.1650		
Arsenic	1	0					
Boron	1	1	0.1190	0.1190	0.1190		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.0470	0.0470	0.0470		
Iron	1	1	0.4650	0.4650	0.4650		
Lead	1	1	0.0038	0.0038	0.0038		
Manganese	1	0					
Mercury	1	0					
Nickel	1	0					
Selenium	1	0					
Tin	1	1	0.0260	0.0260	0.0260		
Titanium	1	0					
Zinc	1	1	0.3250	0.3250	0.3250		
All Metals and Elements	15	7					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

SWEET POTATO, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	0					
Arsenic	1	1	0.0084	0.0084	0.0084		
Boron	1	1	1.3600	1.3600	1.3600		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	1.1060	1.1060	1.1060		
Iron	1	1	4.2180	4.2180	4.2180		
Lead	1	0					
Manganese	1	1	1.2080	1.2080	1.2080		
Mercury	1	0					
Nickel	1	1	0.0310	0.0310	0.0310		
Selenium	1	0					
Tin	1	1	1.8600	1.8600	1.8600		
Titanium	1	1	0.7660	0.7660	0.7660		
Zinc	1	1	2.1480	2.1480	2.1480		
All Metals and Elements	15	9					

TOMATILLOS, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	4	4	0.7438	0.3300	1.1810		
Arsenic	4	0					
Boron	4	4	0.8330	0.6330	1.0570		1
Cadmium	4	3	0.0054	0.0036	0.0087		
Chromium	4	3	0.0170	0.0130	0.0190		
Copper	4	4	0.4898	0.2620	0.6440		
Iron	4	4	14.0105	5.3010	29.2400		
Lead	4	3	0.0100	0.0030	0.0220		
Manganese	4	4	0.8398	0.6440	1.1550		
Mercury	4	0					
Nickel	4	4	0.0263	0.0170	0.0330		
Selenium	4	0					
Tin	4	4	7.1743	0.4300	22.0100		
Titanium	4	4	0.1983	0.1110	0.2730		
Zinc	4	4	1.0863	0.8160	1.6300		
All Metals and Elements	60	45					1

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

TOMATO, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	10	9	2.4407	0.1440	13.0700		1
Arsenic	10	1	0.0714	0.0714	0.0714		
Boron	10	9	1.2808	0.5260	4.2200		5
Cadmium	10	6	0.0160	0.0063	0.0485		
Chromium	10	8	0.0836	0.0170	0.2000		
Copper	10	9	1.1418	0.4790	2.6020		
Iron	10	9	8.8983	2.0780	34.8300		
Lead	10	7	0.0288	0.0045	0.1237		
Manganese	10	10	1.4152	0.4300	5.9340		
Mercury	8	0					
Nickel	10	9	0.0883	0.0120	0.2840		
Selenium	10	1	0.0270	0.0270	0.0270		
Tin	10	9	22.9859	0.0810	81.6000		
Titanium	10	9	0.6569	0.0800	3.6980		1
Zinc	10	10	2.4023	0.6200	12.8500		
All Metals and Elements	148	106					7

VEGETABLE, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	15	14	2.3477	0.1970	8.9160		
Arsenic	15	10	0.0164	0.0040	0.0700		
Boron	15	15	1.3364	0.0640	2.6260		
Cadmium	15	11	0.0077	0.0010	0.0200		
Chromium	15	14	0.0695	0.0100	0.2270		
Copper	15	15	0.9193	0.1890	2.5930		
Iron	15	15	9.9427	2.0090	24.1300		
Lead	15	14	0.0352	0.0020	0.2399		
Manganese	15	15	1.4947	0.2500	4.6410		
Mercury	12	1	0.0100	0.0100	0.0100		
Nickel	15	15	0.1085	0.0130	0.3190		
Selenium	15	8	0.0405	0.0130	0.0700		
Tin	15	15	10.3605	0.0270	58.7880		
Titanium	15	13	0.3587	0.0330	1.1290		
Zinc	15	15	2.7277	0.6050	8.0560		
All Metals and Elements	222	190					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

WATER CHESTNUT, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	7	7	2.1543	0.1660	6.6590		
Arsenic	7	6	0.0121	0.0069	0.0288		
Boron	7	2	1.2170	0.1600	2.2740		
Cadmium	7	2	0.0100	0.0100	0.0100		
Chromium	7	2	0.0135	0.0120	0.0150		
Copper	7	5	0.7248	0.2230	2.3310		
Iron	7	7	17.0750	2.7890	64.7800		1
Lead	7	5	0.0201	0.0056	0.0400		
Manganese	7	7	18.5771	0.1900	128.5000		1
Mercury	5	0					
Nickel	7	7	0.0356	0.0160	0.0700		
Selenium	7	1	0.0880	0.0880	0.0880		
Tin	7	7	0.7410	0.0590	1.7000		
Titanium	7	4	0.2665	0.1220	0.5640		
Zinc	7	7	1.4583	0.3100	4.9590		
All Metals and Elements	103	69					2

WOODAPPLE JAM							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	1.4700	1.4700	1.4700		
Arsenic	1	0					
Boron	1	1	0.6310	0.6310	0.6310		
Cadmium	1	0					
Chromium	1	0					
Copper	1	1	0.1910	0.1910	0.1910		
Iron	1	1	1.0770	1.0770	1.0770		
Lead	1	0					
Manganese	1	1	0.3100	0.3100	0.3100		
Mercury	1	0					
Nickel	1	1	0.0360	0.0360	0.0360		
Selenium	1	0					
Tin	1	1	0.0860	0.0860	0.0860		
Titanium	1	0					
Zinc	1	1	0.2110	0.2110	0.2110		
All Metals and Elements	15	8					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

YUCCA/CASSAVA, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1890	0.1890	0.1890		
Arsenic	1	0					
Boron	1	1	0.6680	0.6680	0.6680		
Cadmium	1	1	0.0162	0.0162	0.0162		
Chromium	1	1	0.0130	0.0130	0.0130		
Copper	1	1	0.9780	0.9780	0.9780		
Iron	1	1	1.4600	1.4600	1.4600		
Lead	1	0					
Manganese	1	1	0.5080	0.5080	0.5080		
Mercury	1	0					
Nickel	1	1	0.0240	0.0240	0.0240		
Selenium	1	1	0.0270	0.0270	0.0270		
Tin	1	1	0.9240	0.9240	0.9240		
Titanium	1	1	0.7040	0.7040	0.7040		
Zinc	1	1	2.6490	2.6490	2.6490		
All Metals and Elements	15	12					

YUCCA/CASSAVA, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.1190	0.1190	0.1190		
Arsenic	1	0					
Boron	1	1	0.3780	0.3780	0.3780		
Cadmium	1	1	0.0128	0.0128	0.0128		
Chromium	1	0					
Copper	1	1	0.5580	0.5580	0.5580		
Iron	1	1	1.0360	1.0360	1.0360		
Lead	1	0					
Manganese	1	1	1.1120	1.1120	1.1120		
Mercury	1	0					
Nickel	1	1	0.0440	0.0440	0.0440		
Selenium	1	0					
Tin	1	1	0.0770	0.0770	0.0770		
Titanium	1	1	0.5350	0.5350	0.5350		
Zinc	1	1	2.4600	2.4600	2.4600		
All Metals and Elements	15	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

ZUCCHINI, CANNED							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	2	2	0.4365	0.2570	0.6160		
Arsenic	2	1	0.0392	0.0392	0.0392		
Boron	2	2	1.1230	0.9150	1.3310		
Cadmium	2	0					
Chromium	2	1	0.0130	0.0130	0.0130		
Copper	2	2	0.4790	0.4720	0.4860		
Iron	2	2	3.4480	2.6920	4.2040		
Lead	2	2	0.0069	0.0028	0.0110		
Manganese	2	2	0.8830	0.5090	1.2570		
Mercury	2	0					
Nickel	2	2	0.0785	0.0120	0.1450		
Selenium	2	0					
Tin	2	2	0.2310	0.0350	0.4270		
Titanium	2	2	0.2700	0.2610	0.2790		
Zinc	2	2	1.4780	1.3300	1.6260		
All Metals and Elements	30	22					

ZUCCHINI, FROZEN							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Aluminum	1	1	0.5380	0.5380	0.5380		
Arsenic	1	0					
Boron	1	1	1.6030	1.6030	1.6030		
Cadmium	1	0					
Chromium	1	1	0.0130	0.0130	0.0130		
Copper	1	1	0.3110	0.3110	0.3110		
Iron	1	1	3.0890	3.0890	3.0890		
Lead	1	1	0.0037	0.0037	0.0037		
Manganese	1	1	4.5590	4.5590	4.5590		
Mercury	1	0					
Nickel	1	1	0.1490	0.1490	0.1490		
Selenium	1	0					
Tin	1	0					
Titanium	1	1	0.2990	0.2990	0.2990		
Zinc	1	1	1.4830	1.4830	1.4830		
All Metals and Elements	15	10					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Maple Syrup and Maple Products
Compliance Summary

5 Year Progression of Chemical Residues

Program/	FY 2007/2008		FY 2006/2007		FY 2005/2006		FY 2004/2005		FY 2003/2004	
Species	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**	**n**	**% OK**
Domestic product testing										
Metals and elements:										
Maple Syrup	164	93.29	122	97.54	148	98.65	148	95.30	148	100.00
Maple Candy	8	100.00								
Paraformaldehyde:										
Maple Syrup	167	100.00	120	100.00	148	100.00	155	100.00	148	100.00
Maple Candy	8	100.00								
Domestic Total	347		242		296		313		299	
Imported product testing:										
Metals and elements:										
Maple Syrup	2	100.00								
Paraformaldehyde:										
Maple Syrup	2	100.00								
Import Total	4									
Total Maple Products	351		242		296		313		299	

All Results for agricultural chemicals, veterinary drugs and metals are in ppm, unless otherwise indicated

Monitoring in Domestic Maple Products By Specific Tests

Maple candy

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PARAFORMALDEHYDE	8	Paraformaldehyde	8	0.4000	0.4000	0.4000	

Syrup, maple

Agricultural Chemical

Program	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PARAFORMALDEHYDE	167	Paraformaldehyde	48	0.5565	0.4000	1.3200	

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Domestic Maple Products

Maple candy							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Lead	8	3	0.2950	0.1820	0.3940		
All Metals and Elements	8	3					

Syrup, maple							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Lead	164	26	0.6433	0.1870	1.7580	11	
All Metals and Elements	164	26				11	

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.

Monitoring in Import Maple Products By Country & Specific Tests

Syrup, maple

Agricultural Chemical

Program	Origin	No. Tested	Residue Test	No. Positive[a]	Mean	Min	Max	Violations
PARAFORMALDEHYDE	UNITED STATES	2	Paraformaldehyde					

Note a: For multi-residue screens, this value represents the number of samples with one or more residues. The specific number of positive results for each analyte is listed below the multi-residue screen.

Metals and Element Prevalence in Import Maple Products

Syrup, maple							
Metal Found	**No. Tested**	**No. Positive**	**Mean**	**Min**	**Max**	**Violations[1]**	**Above Average [2]**
Lead	2	0					
All Metals and Elements	2	0					

Note 1: Violations are determined if one of the following Canadian MRLs is exceeded: 1) 50 ppm copper (Cu) in fresh fruit and vegetables, 2) 250 ppm tin (Sn) in canned foods, 3) 0.1 ppm arsenic (As) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, 4) 0.2 ppm lead (Pb) in fruit juices, fruit nectars, ready-to-serve beverages or water excluding spring and mineral water, or 5) 1.5 ppm lead (Pb) in tomato paste or tomato sauce, 6) 0.5 ppm lead (Pb) in maple products.

Note 2: There are few limits for metals established in the Food and Drug Act and Regulations. The levels found were greater than the anticipated norms for the commodity tested.