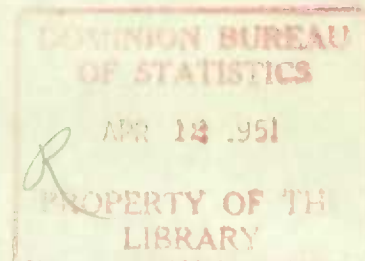


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DOMINION BUREAU OF STATISTICS - DEPARTMENT OF TRADE AND COMMERCE
CANADA



**THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS
INDUSTRY, 1949**

Published by Authority of the RT. HON. C. D. HOWE
Minister of Trade and Commerce

Prepared in the Mining, Metallurgical and Chemical Section
Industry and Merchandising Division
Dominion Bureau of Statistics, Ottawa

NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

The present report belongs in Group XVIII. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A General Review
- B The Acids, Alkalies and Salts Industry
- C The Fertilizers Industry
- D The Fertilizer Trade in Canada
- E The Medicinal and Pharmaceutical Preparations Industry
- F The Paints, Varnishes and Lacquers Industry
- G The Primary Plastics Industry
- H The Soaps, Washing Compounds and Cleaning Preparations Industry
- I The Toilet Preparations Industry
- J The Vegetable Oil Industry
- K The Inks Industry
- L The Adhesives Industry
- M The Polishes and Dressings Industry
- N The Compressed Gases Industry
- O The Coal Tar Distillation Industry
- P The Miscellaneous Chemical Products Industry

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1949

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities, was valued at \$71,502,135 at factory prices in 1949 compared with \$71,714,274 in 1948 and \$70,291,294 in 1947.

Of the 218 factories in this group in 1949, 105 were located in Ontario, 95 in Quebec, 7 in Manitoba, 3 in British Columbia, 3 in Newfoundland, 2 in Alberta, 2 in Nova Scotia and 1 in New Brunswick. The average number of employees in 1949 was 7,658 compared with 7,641 in the previous year, and payments in salaries and wages totalled \$16,116,592 as against

\$15,414,695 in 1948. Plants in Ontario produced 54 per cent of the Canadian output and concerns in Quebec accounted for 43 per cent.

The concerns in this industry make medicinals and pharmaceuticals as their main products, but they also manufacture other lines, such as toilet preparations, as a secondary part of their business. On the other hand, some companies which have been classified to other industrial groups make some medicinal preparations as minor products. The total Canadian output of medicinals, pharmaceuticals and biologicals from all industries amounted in value to \$64,816,801 in 1949 compared with \$55,941,783 in 1948 and \$55,753,900 in 1947.

Note. Data for 1949 as shown in this report are not strictly comparable with those of previous years as, in accordance with the Standard Industrial Classification adopted by the Bureau in 1949, some firms were transferred to another industrial category. The value of production by these firms which were transferred in 1949 amounted in value to \$8,800,000.

TABLE 1. Principal Statistics of the Medicinal and Pharmaceutical Preparations Industry, 1945-1949

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1945.....	204	8,329	\$ 12,707,220	\$ 410,717	\$ 22,941,566	\$ 60,330,928
1946.....	201	7,670	12,832,173	440,585	23,163,222	67,049,834
1947.....	213	7,678	13,848,910	546,995	26,243,762	70,291,294
1948.....	215	7,641	15,414,695	694,489	26,576,177	71,714,274
1949.....	218	7,658	16,116,592	593,187	22,900,555	71,502,135

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Principal Statistics of the Medicinal and Pharmaceutical Preparations Industry, by Provinces, 1948 and 1949

Province	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1948						
Quebec.....	99	3,504	\$ 7,421,320	\$ 451,884	\$ 12,278,543	\$ 33,877,715
Ontario.....	103	3,935	7,643,857	229,535	13,533,164	35,726,019
Manitoba.....	7	165	289,948	11,312	643,276	1,765,222
Alberta.....	2	37	59,570	1,758	121,194	345,318
British Columbia.....	1					
Nova Scotia.....	2					
New Brunswick.....	1					
Canada.....	215					
1949						
Quebec.....	95	3,595	\$ 7,751,144	\$ 347,426	\$ 9,741,764	\$ 30,716,460
Ontario.....	105	3,848	7,989,160	231,251	12,313,673	38,512,982
Manitoba.....	7	159	304,404	12,169	675,730	1,853,842
Alberta.....	2	56	71,884	2,341	169,388	418,851
British Columbia.....	3					
Nova Scotia.....	2					
New Brunswick.....	1					
Newfoundland.....	3					
Canada.....	218	7,658	16,116,592	593,187	22,900,555	71,502,135

CHEMICALS AND ALLIED PRODUCTS

TABLE 3. Products Made in the Medicinal and Pharmaceutical Preparations Industry, 1948 and 1949

Product	Selling Value at the Works	
	1948	1949
	\$	\$
Medicines and Pharmaceuticals:		
Registered as patent medicines and sold without all ingredients declared.....	12,826,631	13,083,343
Ethical specialties sold with ingredients declared:		
Exclusively or generally sold on physicians' prescription only.....	11,507,604	13,312,326
Sold generally without physicians' prescription.....	8,169,437	10,733,057
Penicillin preparations.....	2,716,567	3,635,645
Streptomycin preparations.....	170,405	283,645
Sex hormones.....	1,544,288	1,529,312
Vitamins—single or combinations, capsule, pills or liquid.....	7,741,965	7,193,295
Penicillin.....	1,710,595 ¹	1,570,810 ¹
Biologicals and vaccines.....	1,984,455	2,155,563
Oral antiseptics.....	481,150	575,660
All other human medicines, including streptomycin.....	6,281,033	8,889,091
Veterinary medicines.....	736,673	767,960
Disinfectants.....	103,371	100,637
Insecticides.....	424,872	347,187
Flavouring extracts.....	589,808	685,728
Toilet preparations.....	3,153,858	3,580,416
All other products ²	11,571,562	3,058,460
Total.....	71,714,274	71,502,135

1. 1112 billion units in 1948 (revised); 1398 billion units in 1949.

2. Includes soap, packaged goods, fountain supplies and syrup and other such articles.

Note. Data given in this table are for the Medicinal and Pharmaceutical Preparations Industry ONLY and represent only the production of the firms classified to this group. For the total Canadian output of medicinals see Table 5.

TABLE 4. Materials Used in the Medicinal and Pharmaceutical Preparations Industry, 1948 and 1949

Material	Unit of measure	1948		1949	
		Quantity	Cost at works	Quantity	Cost at works
Acetic acid.....	lb.	1	\$	296,296	\$ 31,509
Acetylsalicylic acid.....	lb.	526,520	265,103	669,115	276,359
Benzolic acid.....	lb.	1		6,686	3,258
Boric or boracic acid.....	lb.	327,733	28,883	410,616	40,995
Citric acid.....	lb.	602,205	154,768	691,659	195,540
Tartaric acid.....	lb.	634,428	254,095	581,773	205,239
Bismuth metal.....	lb.	56,629	113,312	16,984	34,647
Bismuth salts.....	lb.	21,600	61,728	17,868	56,354
Caffeine... ..	lb.	17,534	101,295	17,263	84,586
Camphor.....	lb.	41,227	34,762	41,955	31,347
Cod liver oil.....	lb.	509,461	168,593	998,053	305,004
Essential oils.....	—		232,660		217,533

1. Not classified separately in 1948.

TABLE 4. Materials Used in the Medicinal and Pharmaceutical Preparations Industry, 1948 and 1949 - Con.

Material	Unit of measure	1948		1949	
		Quantity	Cost at works	Quantity	Cost at works
Ethyl alcohol	Imp. gal.	347,227	\$ 643,208	315,904	\$ 631,052
Glucose	lb.	573,431	50,740	447,475	43,339
Glycerine, refined	lb.	967,382	375,240	1,095,451	373,827
Gums:					
Arabic	lb.	93,541	18,068	87,080	16,420
Karoya.....	lb.	43,873	16,164	51,555	21,105
Other.....	lb.	87,456	56,129	87,007	54,266
Iodine, crude.....	lb.	110,398	194,599	66,297	118,943
Mineral oil, white.....	lb.	1,804,578	194,516	1,775,964	197,083
Herbs, roots and vegetable drugs:					
Raw or crude (ground or milled).....	—		552,242		516,670
Extracts (powders and liquids).....	—		141,604		136,178
Magnesium sulphate	lb.	878,957	34,061	1,289,322	53,569
Menthol.....	lb.	13,174	96,888	12,149	95,702
Mercury metal.....	lb.	41,565	34,993	62,309	54,694
Nitric acid, 42°	lb.	112,389	7,722	68,926	4,998
Petroleum jelly.....	lb.	782,487	78,552	841,556	90,411
Penicillin.....	million units	133,356	188,467	182,556	263,491
Phenacetin	lb.	1		153,266	160,428
Phenobarbital.....	lb.	1		13,716	62,797
Phenol.....	lb.	14,125	3,287	20,319	4,694
Potassium.....	lb.	32,872	62,656	20,779	41,159
Potassium sodium tartrate (Rochelle salt).....	lb.	35,047	12,967	25,056	6,398
Pyrethrum.....	lb.	1,841	1,000	1,883	1,024
Silver bullion.....	Troy oz.	179,744	137,513	190,706	142,188
Sodium bicarbonate.....	lb.	1,620,160	48,159	1,677,980	52,644
Sodium hydroxide	lb.	803,791	28,843	354,595	16,734
Sodium salicylate.....	lb.	15,224	10,068	15,981	9,852
Sodium sulphate	lb.	51,087	3,446	75,987	7,752
Starch.....	lb.	1		529,748	36,367
Sulpha drugs	—	1			479,107
Sulphur	lb.	105,667	5,316	189,906	6,977
Talc.....	lb.	1,575,757	53,964	679,558	18,390
Vitamins:					
A	—		587,360		566,729
B ¹ (thiamin chloride).....	—		159,923		225,143
B ² (riboflavin).....	—		105,421		136,682
C (ascorbic acid).....	—		190,571		195,518
D	—		22,949		27,553
Chalk:					
Ground.....	lb.	72,404	3,580	227,964	9,077
Precipitated.....	lb.	440,834	17,763	365,313	24,053
Sugar.....	lb.	3,760,831	315,789	4,076,484	346,420
All other materials	—		14,602,157		9,949,322
Containers.....	—		6,105,053		6,219,428
Total.....	—		26,576,177		22,900,555

1. Not classified separately in 1948.

CHEMICALS AND ALLIED PRODUCTS

TABLE 5. Production¹, Imports and Exports of Medicinal and Pharmaceutical Preparations, 1940-1949

Year	Production (selling value at factory)	Imports	Exports
	\$	\$	\$
1940	21,118,552	4,337,292	1,312,958
1941	28,103,936	5,025,881	1,807,069
1942	33,199,537	5,524,286	2,606,591
1943	39,250,072	7,313,676	3,120,523
1944	43,359,452	7,644,786	4,255,536
1945	46,248,763	9,440,067	5,739,853
1946	54,323,766	9,370,879	5,342,618
1947	55,753,900	11,653,203	4,399,614
1948	55,941,783	13,163,602	3,200,398
1949	64,816,801	14,828,906	3,885,464

1. Production figures represent the total Canadian production, including some medicinals made in other industries.

TABLE 6. Imports into Canada and Exports of Medicinal and Pharmaceutical Preparations, 1948 and 1949

	Unit of measure	1948		1949	
		Quantity	\$	Quantity	\$
(a) Imports					
Caffeine, and salts of.....	lb.	23,904	102,581	52,277	231,289
Cocaine	oz.	1,089	10,012	302	2,598
Codeine, and salts of.....	oz.	48,490	285,181	54,043	318,541
Morphine	oz.	5,846	42,221	4,682	34,834
Opium.....	lb.	330	5,319	140	2,336
Quinine, salts of.....	oz.	38,184	31,733	51,273	40,305
Strychnine, and salts of.....	oz.	4,615	5,387	7,025	7,940
Preparations or chemicals, weed-killing.....	-	1	-	-	1,075,578
Nicotine, salts of nicotine; preparations containing nicotine in a free or combined state, for dipping, spraying, or fumigating, n.o.p.	lb.	220,786	184,185	143,760	125,087
Chloropicrin, ethylene oxide, methyl bromide, methyl formate, cyanides, carbon bisulphide, or mixture containing any of these, for combatting destructive insects or pests.....	-	-	156,079	-	410,827
Preparations, or chemicals, non-alcoholic, such as are used for disinfecting, dipping, spraying or fumigating, when in packages not exceeding three pounds each in weight.....	-	-	456,175	-	260,537
Preparations or chemicals, non-alcoholic, for disinfecting, dipping, spraying or fumigating, n.o.p., or manufacturing the same	-	-	4,761,876	-	3,494,302
Medicinal, chemical and pharmaceutical preparations including proprietary preparations, dry.....	-	-	4,914,697	-	4,844,075

1. Not classified separately in 1948.

Note. "n.o.p." means "not otherwise provided for" in the statistical classification.

TABLE 6. Imports into Canada and Exports of Medicinal and Pharmaceutical Preparations, 1948 and 1949 - Con.

	Unit of measure	1948		1949	
		Quantity	\$	Quantity	\$
Medicinal, chemical and pharmaceutical preparations, including proprietary liquid, when containing not more than 2 1/2% of proof spirit.....	-	-	1,746,102	-	1,640,039
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other.....	-	-	42,578	-	28,309
Medicinal or medicated wines, containing not more than 40% of proof spirit.....	gal.	324	1,099	879	3,969
Menthol, natural or synthetic.....	-	-	234,554	-	219,948
Papaine.....	-	-	34,585	-	10,684
Spirits and strong waters of any kind, mixed with any ingredient, or ingredients, and being known or designated as anodynes, elixirs, tinctures or medicines, n.o.p.....	gal.	12,561	138,873	39,484	377,937
Non-alcoholic extract of cascara sagrada.....	-	-	10,365	-	11,544
Penicillin, and products of.....	-	1	-	-	1,507,456
Streptomycin, and products of.....	-	1	-	-	180,771
Total Imports.....	-	13,163,602	-	-	14,828,906
(b) Exports					
Dipping, spraying and insecticide compounds.....	-	-	130,562	-	96,752
Penicillin, and products of.....	-	1	-	-	492,819
Streptomycin, and products of.....	-	1	-	-	1,138,881
Medicinal and proprietary preparations.....	-	-	3,069,836	-	2,157,012
Total Exports.....	-	-	3,200,398	-	3,885,464

1. Not classified separately in 1948.

Note. "n.o.p." means "not otherwise provided for" in the statistical classification.

TABLE 7. Employees, Salaries and Wages in the Medicinal and Pharmaceutical Preparations Industry, 1948 and 1949

Province	Average Number of Employees				Total	Earnings		
	Supervisory and office		Production workers			Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1948								
Quebec.....	761	529	1,232	982	3,504	3,931,459	3,489,861	7,421,320
Ontario.....	577	642	1,216	1,500	3,935	3,273,042	4,370,815	7,643,857
Manitoba.....	21	24	63	57	165	107,443	182,505	289,948
Other provinces.....	8	3	14	12	37	22,390	37,180	59,570
Canada.....	1,367	1,198	2,525	2,551	7,641	7,334,334	8,080,361	15,414,695
1949								
Quebec.....	961	687	1,049	898	3,595	4,619,148	3,131,996	7,751,144
Ontario.....	627	667	1,147	1,407	3,848	3,660,333	4,328,827	7,989,160
Manitoba.....	21	25	60	53	159	114,297	190,107	304,404
Other provinces.....	13	5	18	20	56	33,878	38,006	71,884
Canada.....	1,622	1,384	2,274	2,378	9,658	8,427,656	7,688,936	16,116,592

Directory of Firms in the Medicinal and Pharmaceutical Preparations Industry, 1949

Name of Firm	Location of Plant
Newfoundland:	
Lilly, A.	66-68 Water St., St. John's
McMurdo, T., Co. Ltd.	210 Water St., St. John's
Stafford, Dr. F., & Son Ltd.	166 Duckworth St., St. John's
Nova Scotia:	
Gates, C., Son & Co., Limited	Middleton
Minards Liniment Co. Ltd.	4 Jenkins St., Yarmouth
New Brunswick:	
Baird Co. Ltd., The	66 King St., Woodstock
Quebec:	
Abbott Laboratories Limited.....	1350 Cote de Liesse Road, Outremont
Abbey Effervescent Salt Co., The.....	286 St. Paul St. W., Montreal
Anglo-French Drug Co. Ltd.	209 St. Catherine St. E., Montreal
Arex Co. (Reg'd), The.....	253 Wolfe St., Lauzon
Astan Chemical Co. Reg'd.....	1555 St. Zotique St. E., Montreal
Ayerst, McKenna & Harrison, Limited.....	Montee St. Laurent, St. Laurent
Bliss, Alonzo O., Medical Co., The.....	434 St. Helen St., Montreal
Bristol-Myers Co. of Canada Ltd.	3035 St. Antoine St., Westmount
Burroughs, Wellcome & Co.	60 Riverview Ave., Ville La Salle
Brunet, W., & Cie, Ltée.	70 de la Chapelle, Quebec
Canada Drug Co. (Reg'd).....	857 St. Maurice St., Montreal
Canada Chemical Works Inc.	1338 Lagachetiere E., Montreal
Casgrain & Charbonneau Ltd.	445 St. Lawrence Blvd., Montreal
Chesebrough Mfg. Co. Consolidated.....	5520 Chabot Ave., Montreal
Ciba Co., Ltd.	1235 McGill College Ave., Montreal
Cie des Produits Biologiques Europa Ltd.	934 St. Catherine St. W., Montreal
Cie des Produits Homah	803 Rachel St. E., Montreal
Cie des Remèdes de l'Abbé Warre Enrg. La.....	3990 Lacombe, Montreal
Cie Paula Ltée.....	21 St. Paul St. E., Montreal
Cie So Rex Ltée, La.....	175 Third Avenue, Quebec
Compagnie Bauge Limitée.....	3883 Ontario St. E., Montreal
Compagnie J. L. Mathieu Ltée.....	14 Albert St., Sherbrooke
Compagnie Pharmaceutique Rameau, Ltée.....	350 LeMoyné St., Montreal
Compagnie Pharméd Limitée.....	108 St. Paul St. W., Montreal
Coopérative Farex Ltée.....	406 Notre Dame St. East, Montreal
Corporation Pharmaceutique Française, Ltée.....	200 Rue Valee, Montreal
Dairy Association Co.	Rock Island
Daniels, Dr. A. C. Co. of Canada, Ltd.....	Victoria Ave., Knowlton
Davis & Lawrence Company.....	1910 St. Antoine St., Montreal
Dalmar Chemicals Limited.....	50 Victoria St., Lachine
Denver Chemical Mfg. Co.	286 St. Paul St. W., Montreal
Desautels Laboratories Ltd.....	200 Craig St. W., Montreal
Desbergers Limited.....	388 St. Paul St. W., Montreal
Dohow Chemical Co. Ltd., The.....	704 Notre Dame St. W., Montreal
Ex-Lax Limited.....	736 Notre Dame St. W., Montreal
Fellows Medical Mfg. Co. Ltd.....	286 St. Paul St. W., Montreal
Fortin, Charles.....	Robertsonville
Frasier Thornton & Co. Ltd.....	Cookshire
Frosst, Charles E., & Co.	3571 St. Antoine St. W., Westmount
Gauvin, J. A. E., Succession.....	1405 Maisonneuve St., Montreal
Hanford, G. C. Mfg., Co. Ltd.	215 St. Paul St. W., Montreal
Harris, J. A., Limited.....	4510 De la Roche St., Montreal
Herbo Remedies Reg'd.....	3718 St. Denis St., Montreal
Hervay Remedies Ltd.	St. Basile
Hoffman-Laroche Ltd.....	286 St. Paul St. W., Montreal
Horner, Frank W., Ltd.	950 St. Urbain St., Montreal
Joffre Chemical Company.....	3444 St. Hubert St., Montreal
Kress & Owen Co. of Canada Ltd.	286 St. Paul St. W., Montreal
Laboratoire Demers Enrg.	414 rue St. Jean, Quebec
Laboratoire Lancet Ltée.....	354 St. Catherine St. E., Montreal
Laboratoire Dr. Léo Lorrain Ltée.....	203 Place Youville, Montreal
Laboratoire Mardis Limitée.....	Chemin D'oka, St. Eustache sur le Lac
Laboratoire Martel.....	6201 Christophe Colomb St., Montreal
Laboratoire Montphar.....	2420 Notre Dame St. E., Montreal
Laboratoire Nadon Limitée.....	100 St. Paul St. W., Montreal

Directory of Firms in the Medicinal and Pharmaceutical Preparations Industry, 1949 - Con.

Name of Firm	Location of Plant
Quebec - Continued.	
Laboratoire Pasteur Ltée.	355 Place Royale, Montreal
Laboratoires St. Hubert Ltée.	6631 rue St. André, Montreal
Laboratoire Vincent Inc.	999 Ave. De Salaberry, Montreal
Lacerte, Dr. N. Enrg.	3 Cote Du Passage, Levis
Lacroix, F. X.	438½ rue St. Joseph, Quebec
Les Remèdes Faguet Enrg.	22 St. Joseph, Lauzon
Lalonde, Henri, Ltée.	416 Notre Dame St. E., Montreal
Lambert, Dr. J. O., Limitée	2234 St. Antoine St., Montreal
Laurentian Laboratories, Ltd.	442 St. Gabriel St., Montreal
Leeming Miles Co. Ltd., The	504 St. Lawrence Blvd., Montreal
Mallinckrodt Chemical Works Limited.	425 St. Patrick St., Ville La Salle
Matol Research Ltd.	2085 Dickson St., Quebec
Menley & James Ltd. of Canada.	420 Lagauchetière St. W., Montreal
Merck & Co. Ltd., (2 plants)	560 De Courcelles St., Montreal and Valleyfield
Metro Drug Ltd.	580 St. Clement St., Montreal
Montreal Chemical & Specialty Co.	1695 Mont Royal St. E., Montreal
Morin, L. A., & Cie Ltée.	111 Côte de la Montagne, Québec
Mothersill Remedy Co. Ltd., The	286 St. Paul St. W., Montreal
Mowatt & Moore, Limited.	64 Prince St., Montreal
Pertussin Limited.	250 St. Zotique St. W., Montreal
Pharmalac Trading Ltd.	1206 Craig St. E., Montreal
Pharmacie Vétérinaire du Dr. Grignon Enrg.	Mont Laurier
Polson, N. C. & Co. Ltd.	651 Notre Dame St. W., Montreal
Poulenc Limitée.	204 Place Youville, Montreal
Produits Elca Enrg.	4150 Wellington St., Verdun
Produits Gardo Ltée.	77 rue Principale, Waterloo
Produits France Canada Ltd.	124 McGill St., Montreal
Produits Populex Ltée.	4522 de la Roche, Montreal
Pratt, Arthur N.	1165 Bernadette St., Montreal
Rawleigh, W. T., Co. Ltd., The	4005 Richelieu St., Montreal
Rougier Frères Cie Inc.	350 LeMoynes, Montreal
St. Germain, Les Médicaments.	411 Laurier St. E., Montreal
Sirois, Dr. N. A., Enrg.	St. Anne de la Pocatière
Schering Corporation Ltd.	137 St. Peter St., Montreal
Sherman, J. L., Chemical Co.	1990 Notre Dame St. W., Montreal
Squibb E. R. & Sons of Canada Ltd.	2245 Viau St., Montreal
Steroid Laboratories Ltd.	Grenville
Watkins, J. R., Co., The	350 St. Roch St., Montreal
Wingate Chemical Co. Ltd., The	378 St. Paul St. W., Montreal
Ontario:	
Accurate Laboratories	186½ King St., London
Allen & Hanbury's Co. Ltd., The	65 King St., Lindsay
Anglo-Canadian Drug Co. Ltd.	99 Simcoe St. S., Oshawa
Amer Co. Ltd., The	30 Niagara St., Fort Erie North
Australian Eucalyptus, Ltd.	222 Front St. E., Toronto
Baxter Laboratories of Canada Ltd.	Willow St., Acton
Bell-Craig Limited	270 Parliament St., Toronto
Bell, Dr., Wonder Medicine Co.	108 Clarence St., Kingston
British Drug House (Canada) Ltd.	Barclay Ave., Queensway, Toronto
Bromo-Seltzer Limited	1266 Queen St. W., Toronto
Buckley, W. K., Ltd.	559 College St., Toronto
Canada Pharmacal Ltd.	447 Talbot St., London
Canada Representatives Ltd.	193-195 Spadina Ave., Toronto
Canadian Botanic Gardens.	934 Colborne St., London
Carnick, G. W., Co. Ltd.	66 Gerrard St., Toronto
Carter Products Inc.	358 Adelaide St. W., Toronto
Carter Drug Company	16 Claude Ave., Toronto
Caulk, L. D., Co. of Canada, Ltd., The.	172 John St., Toronto
Comstock, W. H. Co. Ltd.	11 Courthouse Ave., Brockville
Connaught Laboratories	University of Toronto
Cook-Walke Laboratories Inc.	1019 Elliott St. W., Windsor
Cleveland's Drug Ltd.	2299 Dundas St. W., Toronto
Cress Laboratories, The	51 Francis St. N., Kitchener
Cressy, John R., Co.	1536 Dundas St. W., Toronto
Cummings, Charles C. & Company.	2107 Dundas St. W., Toronto
D. D. D. Co. of Canada, Ltd.	36 Caledonia Road, Toronto
Druggists' Corporation, Limited.	107-9 Duke St., Toronto
Eaton T., Drug Co. Ltd., The.	190 Yonge St., Toronto
Edmanson Bates & Co. Ltd.	Colborne St., Oakville

Directory of Firms in the Medicinal and Pharmaceutical Preparations Industry, 1949 - Con.

Name of Firm	Location of Plant
Ontario - Continued.	
Eno, J. C. (Canada) Ltd.	296 Richmond St. W., Toronto
Fine Chemicals of Canada Limited.....	124 Pharmacy Ave., Toronto
Fleming Bros. Ltd.	Picton
Foster Dack Co. Ltd.	337 King St. W., Toronto
Fulford, C. E., Ltd.	310 Dupont St., Toronto
Galt Chemical Products Ltd.	Corner Beverly and Kerr Sts., Galt
Gelatin Products Ltd.	1370 Argyle Road, Windsor
Hartz, J. F., Co. Ltd., The.....	32 Grenville St., Toronto
Herbatol Remedies.....	200 Hatt St., Dundas
Howard, A. H. Chemical Company Ltd.	4221 Dundas St. W., Toronto
Ingram & Bell Ltd.	256 McCaul St., Toronto
Jamleson, C. E. & Co. (Dominion) Ltd.	414 Sandwich W., Windsor
Kitchener Tonsillitis Co.	61 Frederick St., Kitchener
Koegler Laboratories.....	22 McDougall Ave., Waterloo
Lambert Pharmacal Company (Canada) Limited.....	245 Carlaw Ave., Toronto
Lanteen of Canada Ltd.	4676 Yonge St., Lansing
Lavoris Chemical Co. Ltd.	92 Jarvis St., Toronto
Lewis-Howe Company.....	2595 Sandwich St. E., Windsor
Lilly, Eli and Company, Canada, Ltd.	3650 Danforth Ave., Toronto
Lograsso, P.	464 Winona Drive, Toronto
Luscoe Products Limited.....	559 Bathurst St., Toronto
Maltby Brothers Limited.....	5 Boon Ave., Toronto
Marlatt, G. W., & Company.....	211 Gerrard St. E., Toronto
Moore-Thompson-Clinger Ltd.	153 King William St., Hamilton
Mentholatum Co., The.....	20 Lewis St., Fort Erie North
Milburn, T. Co. Ltd., The.....	643 King St. W., Toronto
Miles Laboratories Ltd.	1010 Dufferin St., Toronto
Mulveney's R. L., Remedies Ltd.	211 Ossington Ave., Toronto
Nicholson Laboratories.....	181 College St., Toronto
Nivea Pharmaceuticals Limited.....	357 College St., Toronto
Northrop & Lyman Co. Ltd.	462-66 Wellington St. W., Toronto
Novocol Chemical Mfg. Co. of Canada, Ltd.	11 Grenville St., Toronto
Noxzema Chemical Co. of Canada, Ltd., The.....	77 Park Lawn Road, Toronto
Ortho Pharmaceutical Corp. (Canada) Limited.....	296 Jane St., Toronto
Ottway, C., Ltd.	514 Danforth Ave., Toronto
Parke, Davis & Co.	Sandwich St., Walkerville
Parke and Parke Ltd.	18 Market Square, Hamilton
Peerless Mink & Fox Supplies.....	487 George St., Cobourg
Penslar Co. Ltd., The.....	325 Devonshire Road, Walkerville
Pinex Co., The.....	482 Wellington St. W., Toronto
Pinkham, Lydia E., Medicine Co.	University Ave., Cobourg
Powell, H., Chemical Co. Ltd., The.....	40 Dundas St. E., Toronto
Procol Mfg. Co. Ltd.	67 Carlton St., Toronto
Pierce's Proprieties Inc.	40 Courtwright St., Fort Erie North
Queduc Remedies.....	46 Ware St., Peterborough
Rexall Drug Company Limited.....	68 Broadview Ave., Toronto
Robert's Biological Laboratory Ltd.	331 Bartlett Ave., Toronto
Rolls & Darlington Ltd.	119 Pearl St., Toronto
Rundle, Geo. H., & Son Co. Ltd., The.....	Pitt St. and Dougal Ave., Windsor
Saunders, W. E., Ltd.	186 King St., London
Shaw Laboratories.....	Omeme
Shuttleworth, E. B., Chemical Co. Ltd., The.....	525 Logan Ave., Toronto
Sharp & Dohme (Canada) Ltd.	1100 O'Connor Drive, Toronto
Siroil of Canada Ltd.	152 Pitt St. W., Windsor
Smallwood Pharmaceuticals, Limited.....	Orangeville
Stafford-Miller of Canada Ltd.	172 John St., Toronto
Standard Tabletting Company.....	35 Lucy Ave., Toronto
Starkman Drug Mfg. Co. Ltd.	471 Bloor St. W., Toronto
Sterling Products Ltd.	1019 Elliott St. W., Windsor
Stevens, J., & Son, Co. Ltd.	145 Wellington St. W., Toronto
Sutcliffe & Bingham of Canada, Ltd.....	1 Niagara St., Toronto
Synthetic Drug Co. Ltd.	243 College St., Toronto
Templetons Limited.....	56 Colborne St., Toronto
Toronto Pharmacal Co. Ltd., The.....	14-20 Brockton Ave., Toronto
Troy Chemical Co.	517 Crawford St., Toronto
Twin Tips Ltd.	28 Ripley Ave., Toronto
Wampole, Henry K., & Co. Ltd.	Perth
Warner, Wm. R., & Co. Ltd.	727 King St. W., Toronto
Webber Pharmaceuticals Ltd.	393 Weston Rd., Toronto
West, Ernest P.	25 Davenport Road, Toronto
Whitex Co., The.....	51 Front St., Toronto
Whitfield, G. B., Company.....	36 Cranfield Rd., Toronto
Will, Charles R., & Co. Ltd.	571 Richmond St. N., London

Directory of Firms in the Medicinal and Pharmaceutical Preparations Industry, 1949 - Conc.

Name of Firm	Location of Plant
Ontario - Continued.	
Wood, W. Lloyd, Ltd.	64 Gerrard St. E., Toronto
Wyeth, John, & Bro. (Canada) Ltd.....	2109 Ottawa St., Windsor
Manitoba:	
Bonzoe Products.....	50 Gertie St., Winnipeg
Eaton, T., Co. Ltd., The.....	Winnipeg
Fahrney, Dr. Peter, & Sons Co.	256 Stanley St., Winnipeg
Kleerex Mfg. Co.	263 Kennedy St., Winnipeg
National Drugs Ltd.	576 McDermot St., Winnipeg
Rawleigh, W. T. Co. Ltd., The.....	589 Henry Ave., Winnipeg
Watkins, J. R., Co., The.....	Annabella and E. Higgins Sts., Winnipeg
Dr. White Medicine Co.	1380 Notre Dame Ave., Winnipeg
Alberta:	
Harris, George.....	507-24th Ave. W., Calgary
McIntyre, John C.	10,022-102nd Street, Edmonton
British Columbia:	
Kent Chemicals Ltd.	1292 Franklin St., Vancouver
Springwood Pharmaceuticals Ltd.	Saanichton
Western Wholesale Drug Ltd.	456 Broadway W., Vancouver

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