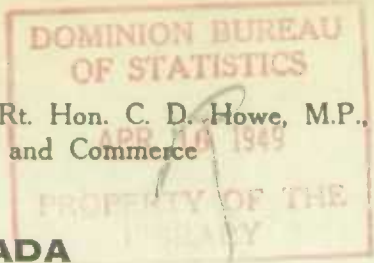


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Minister of Trade and Commerce

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

+++ Industry and Merchandising Division +++

MINING, METALLURGICAL & CHEMICAL SECTION



THE
MEDICINAL & PHARMACEUTICAL PREPARATIONS
INDUSTRY
IN
CANADA
1947



OTTAWA
1949

Price 25 cents

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 W. H. Losee
 H. McLeod

Annual Industry Report

Chemicals and Allied Products Group

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY - 1947

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities, was valued at \$70,291,294 at factory prices in 1947 compared with \$67,049,834 in 1946 and \$60,330,928 in 1945.

Of the 213 factories in this group in 1947, 107 were located in Ontario, 90 in Quebec, 7 in Manitoba, 3 in British Columbia, 2 in Nova Scotia, 3 in Alberta and 1 in New Brunswick. The average number of employees in 1947 was 7,678 compared with 7,670 in the previous year, and payments in salaries and wages totalled \$13,848,910 as against \$12,832,173 in 1946. Plants in Ontario produced 52.5 per cent of the Canadian output and concerns in Quebec accounted for 44.6 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 \$55,753,900 in 1947 compared with \$54,323,766 in 1946 and \$46,248,763 in 1945.

Table 1 - PRINCIPAL STATISTICS OF THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1938-1947

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
			\$	\$	\$	\$
1938	171	4,270	5,690,826	192,377	8,566,007	24,536,474
1939	174	4,388	5,906,891	189,899	9,804,525	27,184,262
1940	167	4,550	6,293,759	211,115	10,896,929	29,571,468
1941	169	5,026	6,921,081	243,072	13,486,811	35,471,898
1942	200	5,560	8,000,240	290,102	16,308,496	41,983,247
1943	205	7,187	10,012,562	352,555	18,997,079	50,772,686
1944	202	7,600	11,768,012	369,542	22,535,718	55,639,581
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
Per cent change 1947 from 1946		+0.1	+7.8	+24.1	+13.3	+4.8

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, BY PROVINCES, 1946 and 1947

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
			\$	\$	\$	\$
<u>1 9 4 6</u> Quebec	86	3,450	6,056,294	256,812	10,318,114	31,344,798
Ontario	99	3,992	6,439,258	173,346	12,229,955	33,583,926
Manitoba	7	176	259,236	7,847	477,258	1,764,423
Alberta	2)					
British Columbia	2)					
Nova Scotia	2)	52	77,385	2,580	137,895	356,667
New Brunswick ..	1)					
Saskatchewan ...	2)					
CANADA	201	7,670	12,832,173	440,585	23,163,222	67,049,834

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1946 and 1947 (Concluded)

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
			\$	\$	\$	\$
<u>1 9 4 7</u>						
Quebec	90	3,437	6,397,533	326,103	12,222,854	31,381,842
Ontario	107	4,015	7,097,911	207,899	13,390,433	36,906,665
Manitoba	7	176	285,669	10,678	494,154	1,655,756
Alberta	3	7	7,585	219	4,109	18,862
British Columbia	3	28	37,829	1,408	73,663	122,631
Nova Scotia	2)					
New Brunswick ..	1)	15	22,383	688	58,549	205,538
CANADA	213	7,678	13,848,910	546,995	26,243,762	70,291,294

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1946 and 1947

Province	Average Number of Employees				TOTAL	Salaries	Wages	TOTAL SALARIES and WAGES
	On Salaries		On Wages					
	Male	Female	Male	Female				
<u>1 9 4 6</u>								
Quebec	751	534	1,090	1,075	3,450	3,344,029	2,712,265	6,056,294
Ontario	625	628	1,145	1,594	3,992	2,941,478	3,497,780	6,439,258
Manitoba	21	26	62	67	176	96,767	162,469	259,236
Alberta	13	4	17	18	52	30,551	46,834	77,385
Other provinces)								
CANADA ...	1,410	1,192	2,314	2,754	7,670	6,412,825	6,419,348	12,832,173
<u>1 9 4 7</u>								
Quebec	681	440	1,245	1,071	3,437	3,203,837	3,193,696	6,397,533
Ontario	594	639	1,194	1,588	4,015	3,118,301	3,979,610	7,097,911
Manitoba	21	25	65	65	176	106,233	179,436	285,669
Alberta	5	1	...	1	7	7,010	575	7,585
Other provinces	8	4	16	15	43	21,241	38,971	60,212
CANADA ...	1,309	1,109	2,520	2,740	7,678	6,456,622	7,392,288	13,848,910

Table 4 - WAGE-EARNERS, BY MONTHS, 1946 and 1947 (On the last work day of each month)

Month	1 9 4 6			1 9 4 7		
	Male	Female	TOTAL	Male	Female	TOTAL
January	2,192	2,764	4,956	2,547	2,830	5,377
February	2,212	2,712	4,924	2,542	2,815	5,357
March	2,225	2,712	4,937	2,513	2,788	5,301
April	2,254	2,634	4,888	2,533	2,756	5,289
May	2,262	2,623	4,885	2,533	2,724	5,257
June	2,285	2,692	4,977	2,551	2,740	5,291
July	2,269	2,693	4,962	2,497	2,674	5,171
August	2,329	2,786	5,115	2,526	2,687	5,213
September	2,357	2,818	5,175	2,519	2,721	5,240
October	2,418	2,859	5,277	2,523	2,750	5,273
November	2,427	2,913	5,340	2,501	2,750	5,251
December	2,411	2,843	5,254	2,482	2,640	5,122
AVERAGE	2,314	2,754	5,068	2,520	2,740	5,260

Table 5 - FUEL AND ELECTRICITY USED, 1946 and 1947

Kind	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite coal	ton	2,659	28,120	3,465	39,711
Bituminous coal - Canadian ...	ton	3,359	28,392	3,302	33,920
Imported ...	ton	13,962	129,441	11,798	116,592
Lignite coal	ton	16	104	18	110
Coke	ton	15	237	447	4,243
Gasoline	Imp.gal.	52,633	18,699	68,552	22,786
Kerosene	Imp.gal.	796	122	45,626	3,999
Fuel oil	Imp.gal.	768,258	54,092	1,548,282	142,524
Wood	cord	132	973	125	853
Gas - Manufactured	M cu.ft.	16,962	17,023	12,438	12,865
Natural	M cu.ft.	3,287	2,727	3,462	2,629
Other fuel .....	...	...	21,364	...	2,058
Electricity purchased	K.W.H.	10,013,840	139,291	12,662,171	164,705
TOTAL .....	...	...	440,585	...	546,995

Table 6 - POWER EQUIPMENT, 1946 and 1947

Kind	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
<u>1 9 4 6</u>				
Steam engines and steam turbines	8	108	4	101
Gasoline, gas and oil engines	3	1	1	2
Total Primary Equipment	11	109	5	103
Electric motors operated by purchased power	3,307	6,958	128	306
TOTAL	3,318	7,067	133	409
Stationary power boilers	34	4,157	4	750
Motor-generator sets	1	75k.v.a.	1	75k.v.a.
<u>1 9 4 7</u>				
Steam engines and steam turbines	8	100	2	85
Gasoline, gas and oil engines .....	...	...	4	18
Total Primary Equipment	8	100	6	103
Electric motors operated by purchased power	3,859	7,291	126	326
TOTAL	3,867	7,391	132	429
Stationary power boilers	32	3,958	3	612
Motor-generator sets	1	75k.v.a.	1	75k.v.a.

Medicinals

Table 7 - MATERIALS USED IN MANUFACTURING, 1946 and 1947

Material	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Acetylsalicylic acid	lb.	453,928	237,548	484,348	251,820
Boric acid	lb.	321,747	25,904	295,090	26,390
Citric acid	lb.	509,586	160,347	507,852	147,960
Tartaric acid	lb.	781,318	554,813	723,367	383,857
Bismuth metal	lb.	41,729	52,053	87,225	169,794
Bismuth salts	lb.	22,241	42,840	24,429	61,837
Caffeine	lb.	12,629	56,992	15,377	76,954
Camphor	lb.	42,654	39,669	49,717	50,680
Cod liver oil	Imp. gal.	86,000	282,992	90,258	270,707
Essential oils .....	...	...	272,962	...	272,599
Ethyl alcohol	Proof gal.	320,192	598,150	365,960	678,051
Glucose	lb.	817,837	83,730	814,147	73,973
Glycerine, refined	lb.	1,151,973	201,206	1,109,185	369,955
Gums - Arabic	lb.	97,627	26,054	98,866	18,579
Karoya	lb.	61,705	26,150	61,500	24,563
Other	lb.	25,692	41,517	30,187	41,037
Iodine, crude	lb.	95,066	132,179	127,203	205,398
Mineral oil, white	lb.	1,640,131	166,399	1,888,290	207,807
Herbs, roots and vegetable drugs:					
Raw or crude (ground or milled) ..	...	...	446,390	...	384,897
Extracts (powders and liquids) ..	...	...	155,392	...	92,090
Magnesium sulphate	lb.	1,290,363	41,546	1,221,587	40,826
Menthol	lb.	13,456	75,938	12,123	87,462
Mercury metal	lb.	26,183	38,352	60,578	55,985
Nitric acid, 42°	lb.	91,676	6,518	268,959	18,881
Petroleum jelly	lb.	758,747	77,483	748,854	75,690
Phenol	lb.	11,561	2,401	12,639	2,783
Potassium iodide	lb.	23,039	35,903	26,096	49,072
Potassium sodium tartrate (Rochelle salt)	lb.	79,154	38,053	37,608	15,279
Pyrethrum	lb.	1,735	712	3,287	1,789
Silver bullion	Troy oz.	202,869	148,857	91,822	71,778
Sodium bicarbonate	lb.	1,815,240	50,945	1,800,769	53,458
Sodium hydroxide	lb.	594,829	20,151	493,011	16,665
Sodium salicylate	lb.	18,892	13,288	13,150	9,054
Sodium sulphate	lb.	83,578	4,285	61,557	3,323
Sulphur	lb.	108,002	4,227	79,228	3,753
Talc	lb.	1,306,711	35,069	1,743,142	57,046
Vitamins - A .....	...	...	470,160	...	481,757
B ¹ (thiamin chloride) ..	...	...	244,092	...	153,952
B ² (riboflavin) .....	...	...	128,421	...	108,947
C (ascorbic acid) .....	...	...	194,273	...	178,589
D .....	...	...	68,582	...	42,413
Chalk - Ground	lb.	189,422	7,002	175,159	5,825
Precipitated	lb.	523,516	23,783	501,421	19,016
Sugar	lb.	3,472,008	249,593	3,479,915	275,433
All other materials .....	...	...	11,768,885	...	14,827,934
Containers .....	...	...	5,811,366	...	5,778,104
TOTAL .....	...	...	23,163,222	...	26,243,762

Table 8 - PRODUCTS MADE, 1946 and 1947

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 9.

Product	Selling Value at the Works	
	1 9 4 6	1 9 4 7
	\$	\$
Medicines and Pharmaceuticals -		
Standard (Pharmacopoeial or defined in other standard works)	10,570,906	11,227,599
Specialties registered as patent medicines ..	9,425,923	8,560,635
Specialties sold with ingredients declared ..	16,431,063	18,949,442
Vitamins - single or combinations, either in capsule, tablet, pill or liquid form	8,046,772	8,056,061
Penicillin	5,769,201(b)	2,476,805(b)
Biological preparations (vaccines, serums, etc.)	2,212,294	2,519,478
Veterinary medicines	749,385	825,182
Disinfectants	93,060	95,672
Insecticides	617,971	476,615
Flavouring extracts	528,102	527,656
Toilet preparations	3,742,716	4,000,197
All other products (a)	8,862,441	12,575,952
TOTAL	67,049,834	70,291,294

(a) Includes absorbent gauze, sanitary towels, packaged goods, etc..

(b) 836 billion units in 1946; 748 billion units in 1947.

Table 9 - PRODUCTION (x), IMPORTS AND EXPORTS OF MEDICINALS AND PHARMACEUTICALS IN CANADA, 1938-1947

Year	Production (selling value at factory)	Imports	Exports
	\$	\$	\$
1938	17,447,328	3,378,899	1,566,422
1939	19,191,562	3,991,883	1,499,593
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

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

Table 10 - IMPORTS INTO CANADA AND EXPORTS OF MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1946 and 1947

	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	\$	Quantity	\$
(a) Imports					
Caffeine, and salts of	lb.	3,609	10,399	6,374	33,895
Cocaine	oz.	1,990	13,334	2,404	14,393
Codeine, and salts of	oz.	50,445	333,115	50,752	300,208
Morphine	oz.	3,314	26,891	2,192	15,822
Opium	lb.	523	9,529	250	3,788
Quinine, salts of	oz.	11,559	10,158	168,491	141,683
Strychnine, and salts of	oz.	24,594	29,802	3,168	3,501
Nicotine, salts of nicotine; preparations containing nicotine in a free or combined state, for dipping, spraying, or fumi- gating, n.o.p.	lb.	142,493	102,631	223,713	165,583
Chloropicrin, ethylene oxide, methyl bromide, methyl formate, cyanides, carbon bisulphide, or mixture containing any of these, for combatting destructive insects or pests .....	...	...	71,871	...	118,990
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 .....	...	...	288,838	...	213,281
Preparations or chemicals, non-alcoholic, for disinfecting, dipping, spraying or fumigating, n.o.p., or manufacturing the same .....	...	...	3,224,260	...	4,112,845
Medicinal, chemical and pharmaceutical preparations including proprietary preparations, dry .....	...	...	3,937,269	...	5,257,608
Medicinal, chemical and pharmaceutical preparations including proprietary liquid, when containing not more than 2½% of proof spirit .....	...	...	878,850	...	871,532
Medicinal, chemical and pharmaceutical preparations including proprietary preparations, all other .....	...	...	88,533	...	97,740
Medicinal or medicated wines, containing not more than 40% of proof spirit .....	...	...	237	...	641
Menthol, natural or synthetic .....	...	...	150,927	...	166,467
Papaine .....	...	...	27,920	...	15,550
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.	12,097	148,040	...	111,065
Non-alcoholic extract of cascara sagrada ..	...	...	18,275	...	8,611
TOTAL IMPORTS .....	...	...	9,370,879	...	11,653,203
(b) Exports					
Medicinal and proprietary preparations ....	...	...	5,342,618	...	4,399,614

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

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY - 1947

Name of Firm	Location of Plant
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	20 Bates Rd., Outremont
Abbey Effervescent Salt Co., The	286 St. Paul St. W., Montreal
Arex Co. (Reg'd), The	253 Wolfe St., Lauzon
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, Ltee.	70 de la Chapelle, Quebec
Canada Drug Co. (Reg'd)	857 St. Maurice St., Montreal
Carnrick, G. W., Co. Ltd.	286 St. Paul St. W., 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 Remedes de l'Abbe Warre Enr'g., La	3556 Lacombe, Montreal
Cie Onguent Eskimo	Mansonville
Cie Paula Ltee	21 St. Paul St. E., Montreal
Cie So Rex Ltee, La	855 Chemin St. Foye, Quebec
Compagnie J. L. Mathieu	14 Albert St., Sherbrooke
Compagnie Pharmaceutique Rameau, Ltee	350 LeMoynes St., Montreal
Compagnie Pharmed Limitee	108 St. Paul St. W., Montreal
Corporation Pharmaceutique Francaise, Ltee	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
Delmar Chemicals Limited	50 Victoria St., Lachine
Denver Chemical Mfg. Co.	286 St. Paul St. W., Montreal
Desautels Laboratories Ltd.	1180 Benoit St., Montreal
Desbergers Limited	388 St. Paul St. W., Montreal
Dohow Chemical Co. Ltd., The	751 Victoria Square, Montreal
Ex-Lax Limited	736 Notre Dame 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
Johnson & Johnson Ltd.	2155 Pius IX Blvd., Montreal
Kress & Owen Co. of Canada Ltd.	286 St. Paul St. W., Montreal
Laboratoire du Dr. Georges Enr'g.	3 Lepage St., Sherbrooke
Laboratoire Moderne Ltee., Le	419 Notre Dame E., Montreal
Laboratoire Montphar	2420 Notre Dame St. E., Montreal
Laboratoire Demers Enrg.	414 rue St. Jean, Quebec
Laboratoire Lancet	354 St. Catherine St. E., Montreal
Laboratoire Dr. Leo Lorrain Ltee.	203 Place Youville, Montreal
Laboratoire Vincent Inc.	999 ave. De Salaberry, Montreal
Lacerte, Dr. N. Enrg.	3 Cote Du Passage, Levis
Lacroix, F. X.	438 $\frac{1}{2}$ rue St. Joseph, Quebec

Directory of Firms in the Medicinals and Pharmaceutical Preparations Industry - 1947 (Continued)

Name of Firm	Location of Plant
Quebec - (Concluded)	
Les Remedes Faguet Enrg.	11 Frontenac St., Sherbrooke
Lalonde, Henri, Ltee.	416 Notre Dame St. E., Montreal
Laboratoire Nadeau Limitee	100 St. Paul St. W., Montreal
Laboratoires St. Hubert Ltee.	6631 rue St. Andre, Montreal
Laboratoire Pasteur Ltee.	355 Place Royale, Montreal
Laboratoires Poulenc Freres du Canada, Ltee.	204 Place Youville, Montreal
Lambert, Dr. J. O., Limitee	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
Marois, Laboratory	Chemin d'Oka, St. Eustache sur le Lac
Menley & James Ltd. of Canada	420 Lagauchetiere St. W., Montreal
Merck & Co. Ltd. (2 plants)	560 De Courcelles St., Montreal and Valleyfield
Morin, L. A., & Cie Ltee.	111 Cote de la Montagne, Quebec
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
Pharmal Trading Ltd.	1206 Craig St. E., Montreal
Pharmacie Veterinaire du Dr. Grignon Enrg.	Mont Laurier
Polson, N. C. & Co. Ltd.	651 Notre Dame St. W., Montreal
Produits Elca Enrg.	4150 Wellington St., Verdun
Produits Gardo Ltee	77 rue Principale, Waterloo
Produits France Canada Ltd.	105 St. Paul St. W., Montreal
Produits Nec-Tar-Ra Enr'g.	7 rue des Ormeaux, Sherbrooke
Produits Veterinaires Nicolle Ltd.	91 St. Christophe, Matane
Produits Populex	4522 de La Roche, Montreal
Pratte, Arthur N.	1165 Bernadette St., Montreal
Produits Pharmaceutiques Sylvain Ltee	406 Notre Dame St. E., Montreal
Quebec Hormones Producers Inc.	St. Eustache
Rawleigh, W. T. Co. Ltd., The	4005 Richelieu St., St. Henri, Montreal
Rougier Freres Cie Inc.	507 rue Fortune, Montreal
St. Germain, Les Medicaments	411 Laurier St. E., Montreal
Sirois, Dr. N. A., Enrg.	St. Anne de la Pocatiere
Usines Chimiques du Canada Inc.	1338 Lagauchetiere St. E., Montreal
Watkins, J. R., Co., The	2195 Masson 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
Arner 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	1231 Weston Rd., Toronto 9
Bell, Dr., Wonder Medicine Co.	108 Clarence St., Kingston
British Drug House (Canada) Ltd.	Barclay Ave., Queensway, Toronto 14
Bromo-Seltzer Limited	1266 Queen St. W., Toronto
Buckley, W. K., Ltd.	559 College St., Toronto
Canada Pharmacal Co. Ltd., The	447 Talbot St., London
Canada Representatives Ltd.	193-195 Spadina Ave., Toronto
Canadian Botanic Gardens	934 Colborne St., Toronto
Canadian Tampax Corporation Ltd.	1 Royce Ave., Brampton
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-Waite Laboratories Inc.	1019 Elliott St. W., Windsor
Cleveland's Drug Ltd.	Fort Erie North

Directory of Firms in the Medicinal and Pharmaceutical Preparations Industry - 1947 (Continued)

Name of Firm	Location of Plant
Ontario - (Continued)	
Cress Laboratories, The	51 Francis St. N., Kitchener
Cressy, John R., Co.	1536 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
Eno, J. C. (Canada) Ltd.	296 Richmond St. W., Toronto
Fine Chemicals of Canada Limited	587 Fleet St. W., 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
Gray Remedy Co.	550 Church St., Toronto
Hartz, J. F., Co. Ltd., The	32 Grenville St., Toronto
Health and Happiness Company	2162 Danforth Ave., Toronto
Herbatol Remedies	228 McNab St., Dundas
Hess and Clark Ltd.	659 Adelaide St., London
Howard, A. H. Chemical Company Ltd.	4221 Dundas St. W., Toronto
H-Tab Company Limited	4509 Tecumseh Rd. E., Windsor
Ingram & Bell Ltd.	256 McCaul St., Toronto
Jamieson, C. E. & Co. Ltd.	414 Sandwich W., Windsor
Kendall Company (Canada) Limited	419 Coxwell Ave., Toronto
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
Lecithin Products (Canada) Limited	48 Dundas St. W., Belleville
Lavoris Chemical Co. Ltd.	92 Jarvis St., Toronto
Lewis-Howe Company	2595 Sandwich St. E., Windsor
Lograsso, P.	464 Winona Drive, Toronto
Luscoe Products Limited	859 Queen St. W., Toronto
Maltby Brothers Limited	5 Boon Ave., Toronto 10
Moore-Thompson Company	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.	199 Ossington Ave., Toronto
Musterole Co. of Canada Ltd.	34 St. Patrick St., Toronto
Nicholson Laboratories	181 College St., Toronto
Nivea Pharmaceuticals Limited	357 College St., Toronto
Noble, Wilfred G.	107 Richmond St. E., 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 Rd., Toronto
Ortho Pharmaceutical Corp. (Canada) Limited	296 Jane St., Toronto
Ottway, C.	514 Danforth Ave., Toronto
Parke, Davis & Co.	Sandwich St., Walkerville
Parke and Parke Ltd.	18 Market Square, Hamilton
Parker, H. G. & Co.	422 Wellington St. W., Toronto
Pensler Co. Ltd., The	325 Devonshire Road, Walkerville
Pinex Co., The	424 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 Proprietories Inc.	40 Courtwright St., Fort Erie North
Queduc Remedies	46 Ware St., Peterboro
Rexall Drug Company Limited	68 Broadview Ave., Toronto
Robert's Biological Laboratory	331 Bartlett Ave., Toronto
Rolls & Darlington Ltd.	119 Pearl St., Toronto
Rundle, Geo. H., & Son Co. Ltd., The	Pitt St. and Dougal Ave., Windsor

Directory of Firms in the Medicinal and Pharmaceutical Preparations Industry - 1947 (Concluded)

Name of Firm	Location of Plant
Ontario - (Concluded)	
Samson Perfect Products	1464 Yonge St., Toronto 5
Saunders, W. E., Ltd.	186 King St., London
Shuttleworth, E. B., Chemical Co. Ltd., The	525 Logan Ave., Toronto
Sharpe & Dohme (Canada) Ltd.	865 Bay St., Toronto
Siroil Laboratories of Canada Ltd.	152 Pitt St. W., Windsor
Smallwood Pharmaceuticals, Limited	Orangeville
Squibb, E. R., & Sons of Canada, Ltd.	36 Caledonia Road, Toronto
Standard Tableting Company	35 Lucy Ave., Toronto 13
Starkman Drug Mfg. Co. Ltd.	471 Bloor St. W., Toronto
Stearns, Frederick, & Co. of Canada, Ltd.	443 Sandwich St. W., Windsor
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 Pharmal Co. Ltd., The	14-20 Brockton Ave., Toronto
Troy Chemical Co. Inc.	517 Crawford St., Toronto
Wampole, Henry K., & Co., Ltd.	Perth
Warner, Wm. R., & Co., Ltd.	727 King St. W., Toronto
West, Ernest P.	8 St. Mary St., Toronto
Whitex Surgical Supply Co.	68 Lombard St., Toronto
Whitfield, G. B., Company	126 Wellington St. W., Toronto
Williams Drug Sundries Ltd.	74 Wellington St. W., Toronto
Will, Charles R., & Co. Ltd.	571 Richmond St. N., London
Wood, W. Lloyd, Ltd.	64 Gerrard St. E., Toronto
Wyeth, John, & Bro. Inc.	2109 Ottawa St., Walkerville
MANITOBA -	
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.	10061 - 101st St., Edmonton
Lion Laboratories	1215A - 9th Ave. E., Calgary
BRITISH COLUMBIA -	
Herb Medical Remedies	733 Powell St., Vancouver
Ray-Vite Laboratories Ltd.	138 W. First Ave., Vancouver
Western Wholesale Drug Ltd.	456 Broadway W., Vancouver

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