
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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ANNUAL INDUSTRY REPORT

CHEMICALS AND ALLIED PRODUCTS GROUP

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1936.

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities was valued at \$22,251,550 at factory prices in 1936 compared with \$21,292,751 in 1935 and \$19,484,094 in 1934.

Of the 169 factories in this group in 1936, 86 were located in Ontario, 65 in Quebec, 7 in Manitoba, 3 in British Columbia, 3 in Saskatchewan, 2 in Nova Scotia, 2 in Alberta and 1 in New Brunswick. The capital employed in manufacturing was reported at \$20,760,912, of which \$7,276,683 was the value of land, buildings and equipment, \$5,864,124 was the value of inventories and \$7,620,105 was cash and other operating capital. The average number of employees in 1936 was 3,857 compared with 3,664 in the previous year and payments in salaries and wages totalled \$4,797,458 as against \$4,500,252 in 1935. Plants in Ontario produced 62 per cent of the Canadian output and concerns in Quebec accounted for 31 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 \$16,223,419 in 1936 compared with \$15,360,980 in 1935 and \$14,316,005 in 1934.

Imports into Canada of drugs, medicinals and pharmaceuticals during 1936 were valued at \$3,207,300 of which \$1,599,809 came from United States, and \$925,131 from the United Kingdom. In 1935 the value of imports was \$2,824,034. Exports were appraised at \$1,278,440 in 1936 and \$938,026 in 1935.

Table 1 - PRINCIPAL STATISTICS, 1929 - 1936.

Years	No. of plants	Capital employed	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
		\$		\$	\$	\$	\$
1929	140	19,552,949	2,849	3,672,373	110,065	6,300,894	19,038,894
1930	144	18,843,192	2,833	3,663,307	108,160	5,563,081	17,768,806
1931	144	17,848,713	2,866	3,858,591	113,259	5,590,546	18,110,794
1932	151	18,379,601	2,959	3,833,778	114,203	5,595,117	17,573,979
1933	168	17,402,705	3,169	3,850,928	130,616	5,774,391	17,063,849
1934	180	20,041,129	3,506	4,306,409	148,760	6,587,569	19,484,094
1935	166	20,091,688	3,664	4,500,252	157,102	7,009,191	21,292,751
1936	169	20,760,912	3,857	4,797,458	169,633	7,384,370	22,251,550

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1935 and 1936.

Provinces	No. of plants	Capital employed	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>1935</u>							
Nova Scotia...	3	49,659	11	12,446	273	15,031	90,822
Quebec.....	61	7,475,151	1,244	1,569,440	65,560	2,130,543	6,424,875
Ontario.....	86	11,223,631	2,196	2,704,519	82,427	4,387,923	13,536,450
Manitoba.....	7	1,153,913	146	146,223	5,823	439,066	1,101,225
Saskatchewan..	3	21,906	9	5,669	593	5,633	21,322
British Columbia...	3	15,258	49	56,090	1,584	15,071	80,010
New Brunswick.	1)						
Alberta.....	2)	152,110	9	5,865	842	15,924	38,047
CANADA.....	166	20,091,688	3,664	4,500,252	157,102	7,009,191	21,292,751
<u>1936</u>							
Quebec.....	65	7,571,360	1,294	1,651,953	70,469	2,159,862	7,051,447
Ontario.....	86	11,883,508	2,350	2,924,191	87,795	4,727,552	13,781,231
Manitoba.....	7	1,025,458	141	143,778	8,349	449,858	1,204,838
Saskatchewan..	3	50,507	4	3,019	350	2,160	7,745
British Columbia..	3	18,144	49	56,738	1,632	14,415	78,373
Nova Scotia...	2)						
New Brunswick.	1)	211,935	19	17,779	1,038	30,523	127,916
Alberta.....	2)						
CANADA.....	169	20,760,912	3,857	4,797,458	169,633	7,384,370	22,251,550

Table 3 - CAPITAL EMPLOYED, BY PROVINCES, 1935 and 1936.

Provinces	Present value of land, buildings, machinery and equipment	Inventory value of materials on hand, finished products, stocks in process, fuel and miscellaneous supplies on hand	Operating capital (cash bills and accounts receivable, pre-paid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$
<u>1935</u>				
Nova Scotia.....	23,436	8,936	17,287	49,659
Quebec.....	3,082,390	1,651,959	2,740,802	7,475,151
Ontario.....	3,956,022	3,059,622	4,208,047	11,223,691
Manitoba.....	458,578	332,854	362,481	1,153,913
Saskatchewan.....	13,921	5,977	2,008	21,906
British Columbia..	8,831	3,230	3,197	15,258
Other provinces...	35,675	58,999	57,436	152,110
CANADA.....	7,578,853	5,121,577	7,391,258	20,091,688
<u>1936</u>				
Quebec.....	2,949,606	1,883,979	2,737,775	7,571,360
Ontario.....	3,785,847	3,489,086	4,608,575	11,883,508
Manitoba.....	438,551	399,246	187,661	1,025,458
Saskatchewan.....	38,415	10,287	1,805	50,507
British Columbia..	6,915	6,409	4,820	18,144
Other provinces...	57,349	75,117	79,469	211,935
CANADA.....	7,276,683	5,864,124	7,620,105	20,760,912

Table 4 - ESTABLISHMENTS GROUPED ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED, 1936.

	Number of plants	Capital employed	Number of employees	Selling value of products at works
		\$		\$
<u>(a) PRODUCTION</u>				
Under \$5,000.....	31	242,917	50	80,475
\$5,000 - \$10,000.....	20	171,477	59	161,489
\$10,001 - \$25,000.....	20	542,903	123	428,807
\$25,001 - \$50,000.....	21	860,051	224	915,333
\$50,001 - \$100,000.....	31	1,960,033	444	2,219,761
\$100,001 - \$250,000.....	26	4,937,616	855	5,047,289
\$250,001 - \$500,000.....	10	3,826,850	660	3,602,227
\$500,001 - \$1,000,000.....	7	5,705,848	1,016	5,743,112
Over \$1,000,000.....	3	2,513,217	426	4,053,057
TOTAL.....	169	20,760,912	3,857	22,251,550
<u>(b) EMPLOYEES</u>				
1 or 2.....	40	380,318	60	280,722
3 - 10.....	56	1,818,981	323	1,957,883
11 - 20.....	30	2,593,818	457	2,543,793
21 - 50.....	24	4,576,979	821	4,216,275
51 - 100.....	9	4,378,804	631	3,873,607
Over 100.....	10	7,212,012	1,562	9,379,270
TOTAL.....	169	20,760,912	3,857	22,251,550
<u>(c) CAPITAL</u>				
Under \$25,000.....	70	694,058	265	1,104,737
\$25,000 - \$100,000.....	55	2,837,547	747	3,648,957
\$100,001 - \$500,000.....	32	7,758,850	1,286	7,985,886
Over \$500,000.....	12	9,470,457	1,559	9,511,970
TOTAL.....	169	20,760,912	3,857	22,251,550

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1935 and 1936.

Provinces	AVERAGE NUMBER OF EMPLOYEES					Salaries	Wages	TOTAL SALARIES AND WAGES
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
1935						\$	\$	\$
Nova Scotia	2	1	6	2	11	5,000	7,446	12,446
Quebec.....	343	147	355	399	1,244	992,585	576,855	1,569,440
Ontario.....	603	347	550	696	2,196	1,677,260	1,027,259	2,704,519
Manitoba.....	20	28	48	50	146	61,152	85,071	146,223
Saskatchewan.....	4	2	2	1	9	3,568	2,101	5,669
British Columbia..	5	5	18	21	49	18,725	37,365	56,090
Other provinces..	2	...	2	5	9	2,600	3,265	5,865
CANADA.....	979	530	981	1,174	3,664	2,760,890	1,739,362	4,500,252
1936								
Quebec.....	369	166	366	393	1,294	1,074,345	577,608	1,651,953
Ontario.....	675	374	565	736	2,350	1,835,219	1,088,972	2,924,191
Manitoba.....	21	16	52	52	141	53,924	89,854	143,778
Saskatchewan.....	1	-	2	1	4	994	2,025	3,019
British Columbia..	5	5	18	21	49	18,942	37,796	56,738
Other provinces..	3	1	7	8	19	6,700	11,079	17,779
CANADA.....	1,074	562	1,010	1,211	3,857	2,990,124	1,807,334	4,797,458

Table 6 - WAGE-EARNERS, BY MONTHS, 1935 and 1936.

Months	1935			1936		
	Male	Female	TOTAL	Male	Female	TOTAL
January.....	965	1,086	2,051	949	1,145	2,094
February.....	962	1,104	2,066	961	1,176	2,137
March.....	982	1,154	2,136	963	1,197	2,160
April.....	975	1,176	2,151	981	1,167	2,148
May.....	967	1,162	2,129	988	1,163	2,151
June.....	983	1,173	2,156	991	1,180	2,171
July.....	967	1,146	2,113	999	1,173	2,172
August.....	972	1,143	2,115	1,011	1,175	2,186
September.....	980	1,209	2,189	1,048	1,243	2,291
October.....	987	1,251	2,238	1,051	1,274	2,325
November.....	1,005	1,244	2,249	1,105	1,324	2,429
December.....	982	1,217	2,199	1,069	1,266	2,335
AVERAGE.....	981	1,174	2,155	1,010	1,211	2,221

Table 7 - FUEL AND ELECTRICITY USED, 1935 and 1936

Kinds	Unit of measure	1935		1936	
		Quantity	Cost at works	Quantity	Cost at works
Anthracite coal.....	short ton	677	6,396	849	7,817
Bituminous coal - Canadian....	short ton	5,138	34,797	4,258	26,259
Imported....	short ton	6,011	36,684	7,729	46,985
Coke.....	short ton	48	513	44	493
Gasoline.....	Imp. gal.	4,965	1,356	1,220	266
Kerosene.....	Imp. gal.	326	62	1,025	152
Fuel oil.....	Imp. gal.	222,523	14,007	256,917	15,102
Wood.....	cord	120	650	172	847
Gas - Manufactured.....	M cu. ft.	5,642	5,507	5,981	5,788
Natural.....	M cu. ft.	834	458	1,371	1,054
Other fuel.....	xxx	...	1,268	...	2,293
Electricity purchased.....	K. W. H.	2,719,646	55,404	3,161,018	62,577
TOTAL.....	xxx	...	157,102	...	169,633

TABLE 8 - WAGE-EARNERS IN MONTHS OF HIGHEST EMPLOYMENT, ACCORDING TO REGULAR HOURS WORKED PER WEEK (OVERTIME NOT INCLUDED) 1936.

(Since the month of highest employment was not the same for each company the data given in this table are not for any particular month, and the total is greater than the highest monthly figure shown in Table 6).

Regular hours worked per week	Number of wage-earners:	Regular hours worked per week	Number of wage-earners
40 hours or less	252	51-53 hours	23
41-43 hours	95	54 hours	3
44 hours	827	55 hours	-
45-47 hours	930	56-59 hours	3
48 hours	279	60 hours and over	10
49-50 hours	165	Total.....	2,587

TABLE 9 - POWER EQUIPMENT, 1935 and 1936.

Kinds	1935		1936	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Hydraulic turbines, or water wheels.....	-	-	4	3
Steam engines and steam turbines	8	236	7	201
Gasoline, gas and oil engines...	1	3	2	23
Total Primary Equipment.....	9	239	13	227
Electric motors operated by purchased power.....	1,253	3,396	1,467	3,883
TOTAL.....	1,262	3,635	1,480	4,110
Total Electric Motors.....	1,253	3,396	1,467	3,883

TABLE 10 - POWER EQUIPMENT SHOWING ORDINARILY IN USE SEPARATELY FROM IN RESERVE OR IDLE, 1936.

Kinds	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Hydraulic turbines, or water wheels.....	4	3	-	-
Steam engines and steam turbines	7	201	-	-
Gasoline, gas and oil engines...	2	23	-	-
Total Primary Equipment.....	13	227	-	-
Electric motors run by purchased power.....	1,450	3,827	17	56
TOTAL.....	1,463	4,054	17	56
Boilers.....	51	3,370	4	715

TABLE 11 - MATERIALS USED IN MANUFACTURING, 1935 and 1936.

Materials	Unit of measure	1935		1936	
		Quantity	Cost at works	Quantity	Cost at works
Acetylsalicylic acid.....	lb.	166,183	124,240	173,127	113,293
Boric acid.....	lb.	140,566	10,353	158,164	11,947
Citric acid.....	lb.	210,607	41,718	308,238	73,801
Tartaric acid.....	lb.	341,332	83,994	483,908	107,842
Bismuth metal.....	lb.	34,276	26,170	32,307	28,649
Bismuth salts.....	lb.	10,927	18,027	12,572	20,141
Caffeine.....	lb.	8,458	11,928	7,657	11,572
Cod liver oil.....	lb.	646,783	84,076	642,251	74,344
Essential oils.....	xxx	...	70,261	...	69,916
Ethyl alcohol.....	gal.	151,256	455,467	146,889	332,723
Glycerine, refined.....	lb.	608,080	89,703	670,112	107,589
Gums, including camphor.....	xxx	...	32,535	...	38,547

TABLE 11 - MATERIALS USED IN MANUFACTURING, 1935 and 1936 - (concluded)

Materials	Unit of measure	1935		1936	
		Quantity	Cost at Works	Quantity	Cost at Works
Iodine, crude.....	lb.	50,107	56,164	67,280	61,949
Herbs, roots and other drugs..	xxx	...	203,275	...	219,535
Magnesium sulphate.....	lb.	826,082	22,647	878,120	23,162
Menthol.....	lb.	8,155	24,620	9,296	26,835
Mercury metal.....	lb.	25,826	18,524	90,662	75,319
Nitric acid, 42°.....	lb.	95,446	8,220	125,625	10,970
Petrolatum.....	lb.	777,869	76,135	826,440	82,662
Phenol.....	lb.	8,730	2,011	12,058	3,300
Potassium iodide.....	lb.	4,612	7,071	5,818	8,069
Potassium sodium tartrate (Rochelle salt).....	lb.	134,248	20,971	123,087	18,371
Silver bullion.....	Troy oz.	36,260	21,735	46,426	21,285
Sodium bicarbonate.....	lb.	808,876	26,998	973,516	30,007
Sodium hydroxide.....	lb.	153,353	7,073	150,185	5,675
Sodium salicylate.....	lb.	9,977	3,429	9,461	4,546
Sodium sulphate.....	lb.	118,235	4,617	53,256	2,546
Sugar.....	lb.	2,183,612	110,487	2,554,485	119,573
All other materials.....	xxx	...	3,049,860	...	3,365,954
Containers.....	xxx	...	2,296,882	...	2,314,248
TOTAL.....	xxx	...	7,009,191	...	7,384,370

TABLE 12 - PRODUCTS MADE, 1935 and 1936.

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 (see directory). The figures for the individual items do not necessarily represent the total output in Canada as these articles may have been produced by concerns which have been classified to other industrial groups. For the total Canadian output see Tables 13 and 14.

Products	Selling value at the works	
	1935	1936
Medicines and Pharmaceuticals:-	\$	\$
Standard (pharmacopocial or defined in other standard works.....)		2,964,635
Specialties registered as patent medicines.....)	14,240,504	4,791,474
Specialties sold with ingredients declared.....)		7,252,709
Biological preparations (vaccines, serums, etc.).....	649,084	668,034
Disinfectants.....	53,170	43,463
Insecticides.....	173,941	167,018
Flavouring extracts.....	310,934	295,819
Toilet preparations -		
Alcoholic - not less than 5 per cent alcohol -		
Perfumes.....	74,924	78,148
Toilet waters and lotions, other.....	139,105	149,596
Cologne water, Florida water, Bay rum and all toilet waters or lotions sold to barber trade....	23,571	32,083
Non-alcoholic -		
Creams, solid and liquid, of all kinds.....	228,774	272,319
Brilliantine.....	28,065	27,918
Face powders.....	136,214	163,702
Talcum powders.....	170,529	223,761
Bath salts.....	6,377	18,812
Compacts, (powders and rouges).....	2,933	-
Lotions and toilet waters.....	9,103	10,023
Tooth pastes and tooth powders.....	342,908	363,791
All other toilet preparations.....	569,940	315,783
All other products (x).....	4,132,675	4,412,462
TOTAL.....	21,292,751	22,251,550

(x) Includes a bsorbent gauze, sanitary towels, confectionery, packaged goods, dental supplies, surgical bandages, protective dressings, and other such articles.

TABLE 13 - PRODUCTION (x), IMPORTS AND EXPORTS OF MEDICINALS AND PHARMACEUTICALS IN CANADA, 1926 - 1936.

Years	Production	Imports	Exports
	(Selling value at factory)		
	\$	\$	\$
1926	12,352,522	3,100,911	567,953
1927	12,875,433	2,907,266	487,904
1928	13,343,488	3,715,028	590,049
1929	14,858,505	3,730,193	808,981
1930	13,931,292	3,652,434	633,445
1931	13,610,975	3,309,071	372,969
1932	13,015,912	2,832,025	817,701
1933	13,912,045	2,588,168	634,155
1934	14,316,005	2,600,496	796,787
1935	15,360,980	2,824,034	938,026
1936	16,223,419	3,207,300	1,278,440

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

TABLE 14 - TOTAL PRODUCTION OF TOILET PREPARATIONS IN CANADA, FROM ALL INDUSTRIES, BY PROVINCES, 1936.

Products	Quebec	Ontario	Other Provinces	CANADA
	\$	\$	\$	\$
(a) Alcoholic - not less than 5 per cent alcohol -				
Perfumes.....	153,542	268,175	16,104	437,821
Toilet waters and lotions.....	194,571	383,366	49,575	627,512
Cologne water, Florida water, Bay rum and all toilet waters and lotions sold to the barber trade	14,454	144,980	7,207	166,641
(b) Non-alcoholic -				
Creams, solid or liquid, all kinds.....	302,600	712,476	82,848	1,097,924
Brilliantine.....	19,576	79,571	12,962	112,109
Face powders.....	274,150	507,030	40,146	821,326
Talcum powders.....	253,169	214,218	20,784	488,171
Sachet powders.....	1,505	7,380	...	8,885
Lipsticks.....	107,345	110,876	501	218,722
Compacts (powders and rouges)....	90,862	179,080	10	269,952
Bath salts.....	10,456	81,122	8,701	100,279
Lotions and toilet waters, non-alcoholic.....	15,504	27,984	12,312	55,800
(c) Other -				
Tooth pastes and tooth powders...	380,035	1,135,775	45,817	1,561,627
All other toilet preparations....	634,431	679,406	134,916	1,448,753
TOTAL.....	2,452,200	4,531,439	431,883	7,415,522

TABLE 15 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1935 and 1936.

	1935		1936	
	Quantity	Value	Quantity	Value
		\$		\$
Caffeine and salts of..... lb.	42,260	44,969	33,205	35,862
Cocaine..... oz.	1,231	9,901	1,197	9,816
Codeine and salts of..... oz.	49,555	164,874	30,981	97,047
Morphine..... oz.	5,563	26,265	5,436	25,750
Nicotine sulphate..... lb.	92,130	53,103	109,604	65,459
Opium, crude..... lb.	730	3,804	485	2,309
Opium, powdered..... lb.	220	970	110	481
Quinine, salts of..... oz.	112,005	59,058	100,178	54,697
Strychnine and salts of..... oz.	153,621	58,885	116,622	59,715
Dipping and spraying preparations, non-alcoholic, in packages of not over three pounds..... xx	...	51,902	...	37,814
Preparations or chemicals, non-alcoholic, for disinfecting, dipping or spraying, not elsewhere specified..... xx	...	370,649	...	541,852
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, dry..... xx	...	1,421,502	...	1,621,458
Caffeine, in a crude state, when imported by manufacturers for purification or further manufacture in their own factories (From July 27, 1935)..... lb.	5,961	5,720	28,860	28,466
Mixtures containing cyanides for use in combatting destructive insects and pests..... xx	...	14,237	...	23,084
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, liquid, when containing not more than 2½ per cent of proof spirits..... xx	...	392,925	...	426,881
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other..... xx	...	28,432	...	32,458
Medicinal or medicated wines, containing not more than 40 per cent of proof spirits..... gal.	2,136	7,439	578	2,313
Menthol, natural or synthetic..... xx	...	50,954	...	70,519
Papaine..... xx	...	2,936	...	2,822
Quassia juice..... xx	161
Spirits and strong waters of any kinds, mixed with any ingredient, or ingredients, and being known or designated as anodynes, elixirs, tinctures or medicines, n.o.p. gal.	4,170	55,509	5,306	68,336
TOTAL IMPORTS..... xx	...	2,824,034	...	3,207,300
From - United Kingdom..... xx	...	853,394	...	925,131
United States..... xx	...	1,262,132	...	1,599,809
France..... xx	...	244,327	...	254,183

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1936.

Names of Firms

Location of Plants

NOVA SCOTIA -

Minard's Liniment Co. Ltd.
Selected Products

7 Jenkins St., Yarmouth
Water St., Digby

NEW BRUNSWICK -

Baird Co. Ltd., The

66 King St., Woodstock

QUEBEC -

Abbott Laboratories Ltd.
Abbey Effervescent Salt Co., The
Arex Co., The
Ayerst, McKenna & Harrison, Ltd.
Bell & Sons (Canada) Ltd.
Bliss, Alonzo O., Medical Co., The
Bristol-Myers Co. of Canada Ltd.
Burroughs, Wellcome & Co.
Brunet, W., & Cie, Ltee.
Canada Drug Co. (Reg'd.)
Chesebrough Mfg. Co. Consolidated
Chretien Alphonse
Ciba Co., Ltd.
Cie, Onguent Eskimo
Cie des Produits Anti-Rhumatisants, Enrg.
Compagnie J. L. Mathieu
Compagnie Pharmaceutique Rameau, Ltée
Corporation Pharmaceutique Francaise,
Ltée.
Dairy Association Co.
Daniels, Dr. A. C. Co. of Canada, Ltd.
Davis & Lawrence Co.
Denver Chemical Mfg. Co.
Desautels Laboratories Ltd.
Downham Medicine Co., Ltd.
Ex-Lax Limited
Fortin, Charles
Frasier Thornton Co. Ltd.
Frosst, Charles E., & Co.
Gauvin, J. A. E.
Hanford, G. C. Mfg., Co. Ltd.
Harris, J. A., Ltd.
Herbo Remedies Co. Ltd.
Heroma Chemical Co.
Hervay Remedies, Ltd.
Institut Vaccinal de Montreal, Inc.
Joffre Chemical Co.
Johnson & Johnson Ltd.
Kress & Owen Co. of Canada Ltd.
Le Laboratoire Moderne Ltée
La Cie So Rex Ltée

388 St. Paul St. W., Montreal
2715 Reading St., Montreal
30 Wolfe St., Lauzon
781 William St., Montreal
3951 Lanouette St., Verdun
136 St. Paul St. E., Montreal
1239 Benoit St., Montreal
Riverview Ave., Ville La Salle
70 Laliberté St., Quebec
857 St. Maurice St., Montreal
5520 Chabot Ave., Montreal
Ste. Eulalie
1900 St. Antoine St., Montreal
Mansonville
Robertsonville
14 Albert St., Sherbrooke
350 Le Moyne St., Montreal
533 Bonsecours St., Montreal
Rock Island
Victoria Ave., Knowlton
1910 St. Antoine St., Montreal
153 Lagauchetiere St., W., Montreal
1180 Benoit St., Montreal
7804 Berri St., Montreal
736 Notre Dame St., W., Montreal
Robertsonville
Cookshire
3571 St. Antoine St., Westmount
1427 Maisonneuve St., Montreal
215 St. Paul St., W., Montreal
4510 De la Roche St., Montreal
3718 St. Denis St., Montreal
6142 Waverly St., Montreal
St. Basile
9741 Blvd. Saint-Laurent, Montreal
3446 St. Hubert St., Montreal
2155 Pius IX Blvd., Montreal
286 St. Paul St., W., Montreal
403 Notre Dame E., Montreal
855 Chemin St. Foye, Quebec

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1936,
(continued)

Names of Firms

QUEBEC - Concluded.

Location of Plants

La Cie de Medicine St. Bernard & La Parfumerie Jardin Fleuri	304 Ste. Catherine St., Grand'Mère
Laboratoire Montphar	2395 Notre Dame St. E., Montreal
Lalonde, Henri, Ltee	416 Notre Dame St. E., Montreal
Laboratoire Nadeau Limitee	100 St. Paul St. W., Montreal
Laboratoires Poulenc Frères du Canada, Ltée.	507 Fortune St., Montreal
Lambert, Dr. J. O., Limitee	2234 St. Antoine St., Montreal
Laurentian Laboratories, Ltd.	560 De Courcelles St., Montreal
La Cie des Produits Complex, Enrg.	Ste. Julienne de Montcalm
Leeming Miles Co. Ltd., The	504 St. Lawrence Blvd., Montreal
Les Medicaments St. Germain	5126 St. Denis St., Montreal
Les Produits Pharmaceutiques Sylvain Ltee.	418 Notre Dame St., E., Montreal
Massicotte Import Co.	127 Commissioners St. W., Montreal
Menley & James Ltd. of Canada	420 Lagauchetiere St. W., Montreal
Merck & Co. Ltd.	De Courcelles and Acorn Sts., Montreal
Mothersill Remedy Co., Ltd., The	294 St. Paul St. W., Montreal
Mowatt & Moore, Ltd.	64 Prince St., Montreal
Musterole Co. of Canada, The	709 St. Paul St. W., Montreal
Pertussin Limited	250 Atlantic Ave., Montreal
Polson, N. C., & Co. Ltd.	651 Notre Dame St. W., Montreal
Rawleigh, W. T., Co. Ltd., The	4005 Richelieu St., St. Henri, Montreal
Rougier Frères Cie., Inc.	507 Fortune St., Montreal
Scientific Products Reg'd.	Ford Hotel, Montreal
Sunodium Co. of Canada	8644 St. Denis St., Montreal
Usines Chimiques du Canada Inc.	1338 Lagauchetiere St. E., Montreal
Watkins, J. R., Co., The	2195 Masson St., Montreal
White, A. J., & Co. Ltd.	420 Lagauchetiere St. W., Montreal
Wingate Chemical Co. Ltd., The	378 St. Paul St., W., Montreal

ONTARIO

Accurate Laboratories	186 King St., London
Allen & Hanbury's Co. Ltd.	65 King St., Lindsay
Alvinorr Products Ltd.	60 Main St., Galt
Anacin Co. Ltd.	2109 Ottawa St., Walkerville
Anglo-Canadian Drugs Ltd.	99 Simcoe S., Oshawa
Antidolor Mfg. Co. Inc., The	32 Queen St., Fort Erie
Arner Co. Ltd., The	Niagara, Lewis and Bridge Sts., Fort Erie, N.
Bauer & Black, Ltd.	Dominion Motors Bldg., Leaside
Bayer Co. Ltd., The	1019 Elliott St. W., Windsor
Bell, Dr., Wonder Medicine Co.	Rear 110 - 112 Clarence St., Kingston
Bennett & Messecar Co. Ltd., The	Mille Roches
Bisodol Co., The	2109 Ottawa St., Walkerville
Bovinine Co., The	2109 Ottawa St., Walkerville
Bromo-Seltzer Ltd.	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 Spadina Ave., Toronto
Canadian Botanic Gardens	379 Talbot St., London
Canadian Cellucotton Products Co. Ltd.	431 Victoria Ave., Niagara Falls
Canadian Gunagathon Co., Ltd., The	750 B Yonge St., Toronto
Canadian Tampax Corporation Ltd.	150 Duchess St., Toronto

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1936.
(continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO - continued</u>	
Carter, Cummings & Co.	107 Duke St., Toronto
Carter Drug Co.	1560 Dundas St. W., Toronto
Caulk, L. D., Co. of Canada, Ltd., The	172 John St., Toronto
Centaur Chemical Co.	1019 Elliott St., Windsor
Comstock, W. H. Co. Ltd.	Brockville
Connaught Laboratories	University of Toronto, also R.R. No. 1, Downsview
Copeland Mfg. Co.	465 Gerrard E., Toronto
Cresgy, John R., Co.	1536 Dundas St. W., Toronto
D. D. D. Co. of Canada, Ltd.	36 Caledonia Road, Toronto
Delamere Laboratories	198 George, Toronto
Deshell, Ltd.	2109 Ottawa, Windsor
Druggists' Corporation, Ltd.	6 Ontario St., Toronto
Eaton, T., Drug Co. Ltd., The	190 Yonge St., Toronto (2)
Edmanson Bates & Co. Ltd.	Colborne St., Oakville
Endo Medical Products Ltd.	1870 Davenport Road, Toronto
Eno, J. C., (Canada) Ltd.	296 Richmond St. W., Toronto
Fasteeth Ltd.	Fort Erie, N.
Fleming Bros. Ltd.	424 Wellington St. W., Toronto
Foster Dack Co. Ltd.	337 King St. W., Toronto
Fulford, C. E., Ltd.	310 Dupont St., Toronto
Gallagher Remedies Ltd.	165 King St., Peterborough
Galt Chemical Products Ltd.	Beverly and Kerr Sts., Galt
General Drug Co.	1019 Elliott St., W., Windsor
Gray Remedy Co.	62 Lombard St., Toronto
Harding's Products	462 Yonge St., Toronto
Hartz, J. F., Co. Ltd., The	32 - 34 Grenville St., Toronto
Hess and Clark Ltd.	659 Adelaide St., London
Hughes, E. Griffiths, Ltd.	36 Caledonia Rd., Toronto
Ingram & Bell Ltd.	256 McCaul St., Toronto
Jamieson, C. E., & Co. Ltd.	414 Sandwich W., Windsor
Jefferies, E. G., Medicine Co.	442 Quebec Ave., Toronto
Kitchener Tonsilitis Co.	195 Lancaster St. E., Kitchener
Lavoris Chemical Co. Ltd.	92 Jarvis St., Toronto
Lewis-Howe Co.	239 Crawford Ave., Windsor
MacDonald Medicine Co.	325 King St. W., Kitchener
Mallinckrodt Chemical Works Ltd.	183 Front St. E., Toronto
Marlatt, G. W., & Co.	211 Gerrard St. E., Toronto
Mason Remedies Ltd.	10 McCaul St., Toronto
Mentholatum Co., The	20 Lewis St., Fort Erie N.
Merrill Co. Ltd., The	93½ Church St., Toronto
Milburn, T., Co. Ltd., The	643 King St. W., Toronto
Mulveney's, R. L., Remedies Ltd.	211 Ossington Ave., Toronto
National Cellulose of Canada, Ltd.	Mt. Dennis
National Sanitary Products Ltd.	92 Dundas St., London
Nicholson Laboratories	181 College St., Toronto
Northrop & Lyman Co. Ltd.	462 Wellington St. W., Toronto
Novocol Chemical Mfg. Co. of Canada, Ltd.	11 Grenville St., Toronto
Noxzema Chemical Co. of Canada, Ltd., The	92 Jarvis St., Toronto
Parke, Davis & Co.	Sandwich St., Walkerville
Penslar Co. Ltd., The	325 Devonshire Road, Walkerville
Petrolagar Laboratories of Canada, Ltd.	2109 Ottawa St., Walkerville
Phillips, Chas. H., Chemical Co.	1019 Elliott St., W., Windsor



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DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1936.

<u>Names of Firms</u>	<u>(concluded)</u>	<u>Location of Plants</u>
<u>ONTARIO - Concluded</u>		
Pinex Co.,The		424 Wellington St. W., Toronto
Pinkham, Lydia E., Medicine Co.		University Ave. Cobourg
Poloris Co. Ltd.		36 - 48 Caledonia Road, Toronto
Powell, H. Chemical Co. Ltd., The		38 Dundas St. E., Toronto
Ransom, D., Son & Co.		Idlewylde St., Fort Erie
Rolls & Darlington Ltd.		119 Pearl St., Toronto
Rundle, Geo. H., & Son Co. Ltd., The		Pitt St., and Dougal Ave., Windsor
Saunders, W. E., Ltd.		376 King St., London
Serva Mfg. Co.		66 Yonge St., Richmond Hill
Shuttleworth, E.B., Chemical Co. Ltd.,The		898 St. Clair Ave. W., Toronto
Squibb, E.R., & Sons of Canada, Ltd.		36 - 48 Caledonia Road, 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 Ltd.		56 Colborne St. & 122 King St.W., Toronto
Toronto Pharmacal Co. Ltd., The		20 Brockton Ave., Toronto
Troy Chemical Co. Inc.		517 Crawford St., Toronto
United Drug Co. Ltd.		68 Broadview Ave., Toronto
Vanderhoof & Co. Ltd.		305 Caron Ave., Windsor
Wampole, Henry K., & Co., Ltd.		Perth
Warner, Wm. R., & Co., Ltd.		727 King St. W., Toronto
West, Ernest P.		41 Duchess St., Toronto
Will, Charles R., & Co. Ltd.		571 Richmond St., Toronto
Wait Remedies Ltd.		8 Main St., Westboro
Wood, W. Lloyd, Ltd.		64 Gerrard St. E., Toronto
World's Dispensary Medical Association		Courtwright St., Fort Erie North
Wyeth, John, & Bro. Inc.		2109 Ottawa St., Walkerville
Wyeth Chemical Co.		2109 Ottawa St., Walkerville
X-It Laboratories Inc.		43 Foster St., Perth
<u>MANITOBA -</u>		
Commercial Laboratories		Notre Dame and Princess Sts., 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.		McDermot and Lydia Sts., Winnipeg
Rawleigh, W. T., Co. Ltd., The		589 Henry Ave., Winnipeg
Watkins, J. R., Co., The		Annabella and E. Higgins St., Winnipeg
<u>SASKATCHEWAN -</u>		
Herbal Remedies Ltd.		404 - 20th St. W., Saskatoon
Saskasol Ltd.		513 Westman Chambers, Regina
Tested Specialties Co.		Dunblane
<u>ALBERTA</u>		
Harris, George, & Son		507 - 24th Ave. W., Calgary
McIntyre, J.C.		10061 - 101st St., Edmonton
<u>BRITISH COLUMBIA -</u>		
B. C. Pharmacal Co. Ltd.		329 Railway St., Vancouver
R. M. B. Laboratories of Canada, Ltd.		736 Granville, Vancouver
Western Wholesale Drug Ltd.		456 Broadway W., Vancouver