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

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CHEMICALS AND ALLIED PRODUCTS

THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1934.

Production by the manufacturing plants in Canada which were engaged chiefly in making patent and proprietary medicines, pharmaceuticals and similar commodities was valued at \$19,484,094 at factory prices in 1934 compared with \$17,063,849 in 1933 and \$17,573,979 in 1932.

Of the 180 factories in this group in 1934, 100 were located in Ontario, 61 in Quebec, 7 in Manitoba, 4 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 \$20,041,129, an advance of \$2.6 millions over the 1933 figure of \$17,402,705 which covered 168 operating plants. The average number of employees in 1934 was 3,506 compared with 3,169 in the previous year and payments in salaries and wages totalled \$4,306,409 as against \$3,850,928 in 1933. Plants in Ontario produced 62 per cent of the Canadian output and concerns in Quebec accounted for 30 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 \$14,316,005 in 1934 compared with \$13,912,045 in 1933 and \$13,015,912 in 1932.

Imports into Canada of drugs, medicinals and pharmaceuticals during 1934 were valued at \$2,600,496 of which \$1,140,209 came from United States, \$791,650 from the United Kingdom, and \$256,160 from France. In 1933 the value of imports was \$2,588,168. Exports were appraised at \$796,787 in 1934 and \$634,155 in 1933.

Table 1 - PRINCIPAL STATISTICS COMPARED, 1920-1934.

Years	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
1920 .....	100	12,191,155	2,838	2,964,822	7,029,594	15,728,224	8,698,630
1921 .....	103	12,903,071	2,231	2,529,898	4,466,001	11,945,435	7,479,434
1922 .....	109	13,995,461	2,302	2,752,680	4,145,298	11,532,536	7,387,238
1923 .....	104	14,655,699	2,271	2,667,741	4,474,487	12,256,608	7,782,121
1924 .....	104	15,156,479	2,193	2,666,997	4,895,352	13,350,347	8,454,995
1925 .....	120	16,037,286	2,273	2,892,975	4,798,120	13,987,849	9,189,729
1926 .....	130	17,194,519	2,365	2,875,677	5,552,699	15,382,475	9,829,776
1927 .....	136	17,542,111	2,578	3,160,802	5,762,019	16,249,191	10,487,172
1928 .....	140	17,427,506	2,667	3,375,024	5,707,934	17,224,351	11,516,417
1929 .....	140	19,552,949	2,849	3,672,373	6,300,894	19,038,894	12,738,000
1930 .....	144	18,843,192	2,833	3,663,307	5,563,081	17,768,806	12,205,725
1931 .....	144	17,848,713	2,866	3,858,591	5,590,546	18,110,794	12,520,248
1932 .....	151	18,379,601	2,959	3,833,778	5,595,117	17,573,979	11,978,862
1933 .....	168	17,402,705	3,169	3,850,928	5,774,391	17,063,849	11,289,458
1934 .....	180	20,041,129	3,506	4,306,409	6,587,569	19,484,094	12,896,525

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1933 and 1934.

Provinces	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
		\$		\$	\$	\$	\$
<u>1933</u>							
Quebec .....	57	6,282,350	995	1,240,552	1,697,275	4,964,857	3,267,582
Ontario .....	93	9,809,620	1,945	2,358,034	3,527,776	10,754,194	7,226,418
Manitoba .....	7	1,101,462	145	157,722	505,497	1,155,228	649,731
British Columbia	4	13,205	51	56,661	13,958	79,794	65,836
Nova Scotia ....	2)						
New Brunswick ..	1)						
Saskatchewan ...	2)	196,068	33	37,959	29,885	109,776	79,891
Alberta .....	2)						
CANADA .....	168	17,402,705	3,169	3,850,928	5,774,391	17,063,849	11,289,458
<u>1934</u>							
Quebec .....	61	7,144,001	1,180	1,435,182	1,956,980	5,906,813	3,949,833
Ontario .....	100	11,604,923	2,107	2,639,846	4,099,169	12,066,118	7,966,949
Manitoba .....	7	1,074,311	138	138,348	471,783	1,297,107	825,324
Saskatchewan ...	3	11,446	7	4,528	3,392	10,701	7,309
British Columbia	4	15,153	48	53,100	21,060	85,717	64,657
Nova Scotia ....	2)						
New Brunswick ..	1)	191,295	26	35,405	35,185	117,638	82,453
Alberta .....	2)						
CANADA .....	180	20,041,129	3,506	4,306,409	6,587,569	19,484,094	12,896,525



Table 3 - CAPITAL EMPLOYED, BY PROVINCES, 1933 and 1934.

Provinces	Present value of land, buildings, machinery and equipment	Inventory value of materials on hand, stocks in process, fuel and miscellaneous supplies on hand	Inventory value of finished products on hand	Operating capital (cash, bills and accounts receivable, pre-paid expenses, etc.)	TOTAL CAPITAL EMPLOYED
	\$	\$	\$	\$	\$
<b>1933</b>					
Quebec .....	2,517,561	1,048,800	531,078	2,184,911	6,282,350
Ontario .....	3,555,561	1,643,075	974,555	3,636,429	9,809,620
Manitoba .....	335,092	237,085	207,615	321,670	1,101,462
British Columbia.	3,694	1,776	3,069	4,666	13,205
Other provinces..	54,626	67,197	4,885	69,360	196,068
<b>CANADA .....</b>	<b>6,466,534</b>	<b>2,997,933</b>	<b>1,721,202</b>	<b>6,217,036</b>	<b>17,402,705</b>
<b>1934</b>					
Quebec .....	2,901,785	1,181,155	546,719	2,514,342	7,144,001
Ontario .....	3,892,827	1,837,506	1,164,114	4,710,476	11,604,923
Manitoba .....	371,737	209,644	155,408	337,522	1,074,311
Saskatchewan ....	7,182	1,468	667	2,129	11,446
British Columbia.	4,523	3,335	3,702	3,593	15,153
Other provinces .	49,229	41,458	29,892	70,716	191,295
<b>CANADA .....</b>	<b>7,227,283</b>	<b>3,274,566</b>	<b>1,900,502</b>	<b>7,638,778</b>	<b>20,041,129</b>

Table 4 - SIZE OF ESTABLISHMENTS ACCORDING TO PRODUCTION, NUMBER OF EMPLOYEES AND CAPITAL EMPLOYED, 1934.

	Number of plants	Capital employed	Number of employees	Selling value of products at works
		\$		\$
<b>(a) PRODUCTION</b>				
Under \$5,000 .....	35	85,783	68	206,961
\$5,000 to \$10,000 .....	21	142,100	67	331,040
\$10,001 to \$25,000 .....	22	329,438	131	426,782
\$25,001 to \$50,000 .....	27	995,019	228	1,120,223
\$50,001 to \$100,000 .....	25	1,692,980	347	1,531,461
\$100,001 to \$250,000 .....	33	5,088,784	936	5,548,613
\$250,001 to \$500,000 .....	8	3,074,982	661	3,171,574
Over \$500,000 .....	9	8,075,008	1,068	7,704,475
<b>TOTAL .....</b>	<b>180</b>	<b>19,484,094</b>	<b>3,506</b>	<b>20,041,129</b>
<b>(b) NUMBER OF EMPLOYEES</b>				
1 or 2 .....	48	662,051	62	352,904
3 to 10 .....	60	1,867,606	334	1,695,071
11 to 20 .....	32	2,445,280	479	2,515,090
21 to 50 .....	21	3,339,637	671	3,892,359
51 to 100 .....	12	5,372,494	863	5,413,868
Over 100 .....	7	5,797,026	1,097	6,171,837
<b>TOTAL .....</b>	<b>180</b>	<b>19,484,094</b>	<b>3,506</b>	<b>20,041,129</b>
<b>(c) CAPITAL EMPLOYED</b>				
Under \$25,000 .....	89	1,588,182	391	745,378
\$25,000 to \$100,000 .....	49	3,347,627	637	2,582,713
\$100,001 to \$500,000 .....	33	7,184,683	1,302	8,606,022
Over \$500,000 .....	9	7,363,602	1,176	8,107,016
<b>TOTAL .....</b>	<b>180</b>	<b>19,484,094</b>	<b>3,506</b>	<b>20,041,129</b>

Table 5 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1933 and 1934.

Provinces	AVERAGE NUMBER OF EMPLOYEES					Salaries \$	Wages \$	TOTAL SALARIES AND WAGES \$
	On salaries		On wages		TOTAL			
	Male	Female	Male	Female				
<b>1933</b>								
Quebec .....	253	109	291	342	995	767,818	472,734	1,240,552
Ontario .....	532	306	501	606	1,945	1,499,777	858,257	2,358,034
Manitoba .....	30	24	41	50	145	74,781	82,941	157,722
British Columbia..	7	6	17	21	51	21,732	34,929	56,661
Other provinces ..	18	4	3	8	33	33,011	4,948	37,959
CANADA .....	840	449	853	1,027	3,169	2,397,119	1,453,809	3,850,928
<b>1934</b>								
Quebec .....	350	126	319	385	1,180	910,026	525,156	1,435,182
Ontario .....	584	343	538	642	2,107	1,610,651	1,029,195	2,639,846
Manitoba .....	14	18	60	46	138	48,565	89,783	138,348
Saskatchewan .....	4	1	1	1	7	2,754	1,774	4,528
British Columbia .	7	5	16	20	48	19,152	33,948	53,100
Other provinces ..	12	3	4	7	26	28,062	7,343	35,405
CANADA .....	971	496	938	1,101	3,506	2,619,210	1,687,199	4,306,409

Table 6 - WAGE-EARNERS, BY MONTHS, 1933 and 1934.

Months	1933			1934		
	Male	Female	TOTAL	Male	Female	TOTAL
January .....	840	971	1,811	901	1,029	1,930
February .....	841	984	1,825	913	1,071	1,984
March .....	827	980	1,807	913	1,060	1,973
April .....	811	983	1,794	907	1,113	2,020
May .....	831	1,010	1,841	928	1,054	1,982
June .....	826	1,013	1,839	927	1,069	1,996
July .....	825	971	1,796	928	1,035	1,963
August .....	830	1,007	1,837	925	1,101	2,026
September .....	861	1,078	1,939	953	1,123	2,076
October .....	899	1,146	2,045	974	1,183	2,157
November .....	896	1,123	2,019	972	1,179	2,151
December .....	878	1,084	1,962	939	1,128	2,067
AVERAGE .....	853	1,027	1,880	938	1,101	2,039

Table 7 - FUEL AND ELECTRICITY USED, 1933 and 1934.

Kinds	Unit of measure	1933		1934	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Anthracite coal .....	short ton	318	3,799	509	5,478
Bituminous coal - Canadian,	short ton	4,889	30,311	4,224	25,348
Imported,	short ton	5,910	32,165	7,210	44,558
Coke .....	short ton	84	887	66	721
Gasoline .....	Imp. gal.	4,375	939	4,665	1,024
Kerosene .....	Imp. gal.	323	60	321	58
Fuel oil .....	Imp. gal.	207,969	14,031	244,331	17,169
Wood .....	cord	76	360	74	399
Gas - Manufactured .....	M cu.ft.	4,328	4,269	4,704	4,600
Natural .....	M cu.ft.	504	331	759	515
Other fuel .....	xxx	...	277	...	298
Electricity purchased .....	K.W.H.	2,133,369	43,187	2,392,270	48,594
TOTAL .....	xxx	...	130,616	...	148,760



Table 8 - POWER EQUIPMENT, 1933 and 1934.

Kinds	1 9 3 3		1 9 3 4	
	Number of units	Total rated horse power	Number of units	Total rated horse power
Steam engines and steam turbines .....	8	218	6	262
Gasoline, gas and oil engines .....	1	3	4	10
Total Primary Equipment .....	9	221	10	272
Electric motors operated by purchased power .....	1,124	3,040	1,232	3,332
TOTAL .....	1,133	3,261	1,242	3,604
Total Electric Motors .....	1,124	3,040	1,232	3,332
Boilers .....	45	3,218	45	3,604

Table 9 - MATERIALS USED IN MANUFACTURING, 1933 and 1934.

Materials	Unit of measure	1 9 3 3		1 9 3 4	
		Quantity	Cost at works	Quantity	Cost at works
Acetylsalicylic acid .....	lb.	139,142	\$ 91,362	139,399	\$ 105,716
Boric acid .....	lb.	121,882	8,781	130,052	9,110
Citric acid .....	lb.	183,490	36,660	218,757	43,083
Tartaric acid .....	lb.	195,561	40,522	364,125	80,808
Bismuth metal .....	lb.	29,840	28,500	31,365	31,500
Bismuth salts .....	lb.	11,104	17,772	11,554	18,735
Caffeine .....	lb.	4,589	5,450	4,241	6,711
Cod liver oil .....	lb.	594,667	66,665	571,797	69,389
Essential oils .....	xx	...	67,596	...	66,731
Ethyl alcohol .....	gal.	99,489	338,281	114,817	407,194
Glycerine, refined .....	lb.	517,662	58,625	553,931	69,860
Gums, including camphor .....	xx	...	25,435	...	30,272
Iodine, crude .....	lb.	43,607	92,011	42,489	50,057
Herbs, roots and other drugs .....	xx	...	236,625	...	230,374
Magnesium sulphate .....	lb.	851,355	24,629	816,830	33,793
Menthol .....	lb.	6,088	19,410	7,133	19,784
Mercury metal .....	lb.	19,081	10,494	21,452	16,112
Nitric acid, 42° .....	lb.	71,960	6,978	83,474	7,308
Petrolatum .....	lb.	692,816	80,154	702,922	74,577
Phenol .....	lb.	7,296	1,880	7,755	1,843
Potassium iodide .....	lb.	3,370	10,200	4,406	7,974
Potassium sodium tartrate (Rochelle salt) .....	lb.	98,419	16,032	111,269	18,079
Silver bullion .....	oz.	37,080	11,935	17,351	23,185
Sodium bicarbonate .....	lb.	588,943	18,849	828,792	26,305
Sodium hydroxide .....	lb.	169,883	6,504	153,274	6,061
Sodium salicylate .....	lb.	7,301	3,083	9,484	2,576
Sodium sulphate .....	lb.	77,794	4,879	102,970	7,287
Sugar .....	lb.	1,704,593	104,669	2,204,501	123,185
All other materials .....	xx	...	2,446,692	...	2,843,251
Containers .....	xx	...	1,893,718	...	2,156,709
TOTAL .....	xx	...	5,774,391	...	6,587,569

Table 10 - PRODUCTS MADE, 1933 and 1934.

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 11 and 12.

Products	Selling value at the works	
	1 9 3 3	1 9 3 4
	\$	\$
Medicinals and pharmaceuticals .....	11,635,905	13,153,053
Biological preparations (vaccines, serums, etc.) .....	527,939	572,416
Disinfectants .....	44,059	36,962
Insecticides .....	108,088	121,228
Flavouring extracts .....	288,575	338,114
Toilet preparations -		
Alcoholic - not less than 5 per cent alcohol -		
Perfumes .....	42,207	53,009
Toilet waters and lotions, other .....	73,368	110,392
Cologne water, Florida water, Bay rum and all toilet waters or lotions sold to barber trade .....	32,683	34,497
Non-alcoholic -		
Creams, solid and liquid, of all kinds .....	220,067	234,318
Brilliantine, oily and liquid .....	19,297	20,965
Face powders .....	100,149	205,778
Talcum powders .....	167,175	170,790
Compacts (powders and rouges) .....	3,011	1,676
Tooth pastes and tooth powders .....	240,580	306,528
All other toilet preparations .....	381,487	307,805
All other products (x) .....	3,179,259	3,816,563
TOTAL .....	17,063,849	19,484,094

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

Table 11 - PRODUCTION, IMPORTS AND EXPORTS OF MEDICINALS AND PHARMACEUTICALS IN CANADA, 1926 - 1934.

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



Table 12 - TOTAL PRODUCTION OF TOILET PREPARATIONS IN CANADA, FROM ALL INDUSTRIES, BY PROVINCES, 1934.

Products	Quebec	Ontario	Other Provinces	CANADA
	\$	\$	\$	\$
(a) Alcoholic - not less than 5 per cent alcohol -				
Perfumes .....	154,943	222,880	12,475	390,298
Toilet waters and lotions .....	144,505	339,508	28,043	512,056
Cologne water, Florida water, Bay rum and all toilet waters and lotions sold to the barber trade	23,391	105,261	5,446	134,098
(b) Non-alcoholic -				
Creams, solid or liquid, all kinds .....	231,611	707,077	34,328	973,016
Brilliantine, oily or liquid ....	12,434	50,184	5,380	67,998
Face powders .....	264,341	516,510	106,154	887,005
Talcum powders .....	207,066	177,902	12,497	397,465
Sachet powders .....	1,470	7,003	...	8,473
Lipsticks .....	69,481	110,502	15	179,998
Compacts (powders and rouges) ...	70,385	192,619	25	263,029
Bath salts .....	9,785	58,473	1,800	70,058
Lotions and toilet waters, non-alcoholic .....	23,150	25,260	9,112	57,522
(c) Other -				
Tooth pastes and tooth powders ..	448,615	925,166	40,970	1,414,751
All other toilet preparations ...	618,031	709,434	62,281	1,389,746
<b>TOTAL .....</b>	<b>2,279,208</b>	<b>4,147,779</b>	<b>318,526</b>	<b>6,745,513</b>

Table 13 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1933 and 1934.

	1933		1934	
	Quantity	Value	Quantity	Value
		\$		\$
Caffeine and salts of .....	lb. 6,443	4,077	24,845	27,341
Cocaine .....	oz. 2,489	14,660	2,316	18,784
Codeine and salts of .....	oz. 36,613	95,006	40,054	131,441
Morphine .....	oz. 6,200	22,939	6,165	26,703
Nicotine sulphate .....	lb. 92,128	59,876	50,995	33,157
Opium, crude .....	lb. 785	3,835	458	2,333
Opium, powdered .....	lb. 270	959	218	967
Quinine, salts of .....	oz. 120,240	55,338	82,410	43,317
Strychnine and salts of .....	oz. 125,905	46,393	163,957	59,734
Dipping and spraying preparations, non-alcoholic, in packages of not over three pounds .....	xx ...	33,825	...	40,504
Preparations or chemicals, non-alcoholic, for disinfecting, dipping or spraying, not elsewhere specified .....	xx ...	480,414	...	438,271
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, dry .....	xx ...	1,335,896	...	1,300,386

Table 13 - IMPORTS INTO CANADA OF DRUGS, MEDICINAL AND PHARMACEUTICAL PREPARATIONS, 1933 and 1934. (concluded)

	1933		1934	
	Quantity	Value	Quantity	Value
		\$		\$
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, liquid, when containing not more than 2½ per cent of proof spirits ... xx	...	331,227	...	327,167
Medicinal, chemical and pharmaceutical preparations, including proprietary preparations, all other .....	xx	27,902	...	29,182
Medicinal or medicated wines, containing not more than 40 per cent of proof spirits ... gal.	3,145	8,555	2,234	7,710
Menthol, natural or synthetic .....	xx	30,593	...	49,517
Papaine .....	xx	2,694	...	5,430
Quassia juice .....	xx	179	...	20
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.	1,748	35,800	4,273	56,106
<b>TOTAL IMPORTS</b> .....	xx	2,588,168	...	2,600,496
From - United Kingdom .....	xx	837,006	...	791,650
United States .....	xx	1,046,071	...	1,140,208
France .....	xx	290,145	...	256,160

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1934.

Names of Firms

Location of Plants

NOVA SCOTIA -

Gates, C., Son & Co.  
Minard's Liniment Co. Ltd.

Middleton  
7 Jenkins St., Yarmouth

NEW BRUNSWICK -

Baird Co. Ltd., The

66 King St., Woodstock

QUEBEC -

Abbott Laboratories Ltd.  
Abbey Effervescent Salt Co., The  
Agence Franco-Britannique  
Arex Co., The  
Ayerst, McKenna & Harrison, Ltd.  
Bell & Sons (Can.) Ltd.  
Bliss, Alonzo O., Medical Co., The  
Bristol-Myers Co. of Canada  
Burroughs, Wellcome & Co.  
Brunet, W., & Cie.  
Canada Chemical Works Inc.  
Canada Drug Co.  
Chesebrough Mfg. Co. Cons'd.  
Chretien, Alphonse  
Ciba Co. Ltd.  
Compagnie J. L. Mathieu

388 St. Paul St. W., Montreal  
2715 Reading St., Montreal  
4247 St. Andre 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 Laliberte St., Quebec  
1338 Lagauchetiere St. E., Montreal  
857 St. Maurice St., Montreal  
5520 Chabot Ave., Montreal  
Ste. Eulalie  
1900 St. Antoine St., Montreal  
14 Albert St., Sherbrooke



DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1934.  
(continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>QUEBEC</u> - concluded	
Compagnie Pharmaceutique Rameau Ltee.	350 Le Moyne St., Montreal
Dairy Association Co.	Rock Island
Daniels, Dr. A.C., of Canada, Ltd.	Victoria Ave., Knowlton
Davis & Lawrence Co.	1910 St. Antoine St., Montreal
Denver Chemical Mfg. Co.	153 Lagauchetiere St. W., Montreal
Desautels Laboratoires Ltee.	1180 Benoit St., Montreal
Eskimo Ointment Co.	Mansonville
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., Westmount
Gauvin, J.A.E.	1427 Maisonneuve St., Montreal
Hanford, G.C., Mfg. Co. Ltd.	215 St. Paul St. W., Montreal
Harris, J.A., Ltd.	4510 De la Roché St., Montreal
Herbo Remedies Co. Ltd.	3718 St. Denis St., Montreal
Heroma Chemical Co.	6142 Waverly St., Montreal
Hervay Remedies Ltd.	St. Basile
Horner, Frank W., Ltd.	950 St. Urbain St., Montreal
Institut Vaccinal de Montreal Inc.	9741 Blvd. Saint-Laurent, Montreal
International Drug Products	389 St. Paul St. W., Montreal
Joffre Chemical Co.	3446 St. Hubert St., Montreal
Johnson & Johnson Ltd.	2155 Pius IX Blvd., Montreal
La Cie de Medicine St. Bernard	304 Ste. Catherine St., Grand'Mere
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 Freres du Canada, Ltee.	507 Fortue St., Montreal
Lambert, Dr. J.D., Limitee	2234 St. Antoine St., Montreal
Laurentian Laboratories Ltd.	560 De Courcelles St., Montreal
La Cie des Produits Complex, Enrg.	St. Julienne de Montcalm
Massicotte Import Co.	127 West Commissioners St., Montreal
Menley & James Ltd. of Canada	420 Lagauchetiere St. W., Montreal
Merck & Co. Limited	De Courcelles and Acorn Sts., Montreal
Morin, Dr. Ed., & Cie., Ltee.	111 Cote de la Montagne St., Quebec
Mothersill Remedy Co. Ltd., The	294 St. Paul St. W., Montreal
Mowatt & Moore Ltd.	64 Prince St., Montreal
Musterole Co., The	709 St. Paul St. W., Montreal
Nobert, T., & Co.	13 Mauseau, Joliette
Pertussin Ltd.	250 Atlantic Ave., Montreal
Pharmacie Centrale du Canada Limitee	427 St. Francois Xavier St., 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 Freres Cie., Inc.	507 Fortune St., Montreal
St. Germain, Oscar	5126 St. Denis St., Montreal
Sanche, Dr. H., & Co. Ltd.	1330 Sherbrooke St. W., Montreal
Scientific Products Reg'd.	Mount Royal Hotel, Montreal
Sunodium Co. of Canada	8644 St. Denis St., Montreal
Watkins, J.R., Co., The	Montreal
White, A.J., & Co. Ltd.	420 Lagauchetiere St. W., Montreal
Wingate Chemical Co. Ltd., The	378 St. Paul St. W., Montreal

DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1934.  
(continued)

Names of Firms

Location of Plants

ONTARIO -

Allen & Hanbury's Co. Ltd.	65 King St., Lindsay
Anacin Co. Ltd.	103 Ottawa St., Walkerville
Antidolor Mfg. Co. Inc., The	143 Queen St., Fort Erie
Arner Co. Ltd., The	Niagara, Lewis and Bridge Sts., Fort Erie N.
Bauer & Black, Ltd.	Commercial St., Leaside
Bayer Co. Ltd., The	907 Elliott St., Windsor
Bell, Dr., Wonder Medicine Co.	Rear 110-112 Clarence St., Kingston
Bennett & Messecar Co. Ltd., The	Mille Roches
Bisodal Co., The	907 Elliott St., Windsor
Bodi-Tone Co. Ltd.	51 Richmond St. E., Toronto
Bovine Co., The	103 Ottawa St., Walkerville
Bromo-Seltzer Ltd.	1266 Queen St. W., Toronto
Buckley, W. K., Ltd.	142 Mutual St., Toronto
Canada Pharmacal Co. Ltd., The	447 Talbot St., London
Canadian Botanic Gardens	379 Talbot St., London
Canadian Gunagathon Co. Ltd., The	750B Yonge St., Toronto
Canadian Mineral Waters Ltd.	R. R. 1, Maple
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 Co. Ltd., The	907 Elliott St., Windsor
Connaught Laboratories	University of Toronto, also R. R. No. 1, Downsview
Cook Laboratories	907 Elliott St., Windsor
Cressy, John P., Co.	1536 Dundas St. W., Toronto
D. D. D. Co. of Canada, Ltd.	36 Caledonia Rd., Toronto
Dominion Tonic & Lotion Co. Ltd.	Simpson St., Fort William
Druggists' Corporation of Canada, Ltd.	6 Ontario St., Toronto
Eaton, T., Drug Co. Ltd., The	190 Yonge St., Toronto
Edmanson Bates & Co. Ltd.	244 Adelaide St. W., Toronto
Endo Medical Products Ltd.	1870 Davenport Rd., Toronto
Eno, J.C., (Canada) Ltd.	296 Richmond St. W., Toronto
Fasteeth Ltd.	54 Wellington St., Toronto
Fleming Bros. Ltd.	424 Wellington St., Toronto
Foster Dack Co. Ltd.	337 King St. W., Toronto
Fulford, C.E., Ltd.	310 Dupont St., Toronto
Gallagher Remedies	165 King St., Peterborough
Galt Chemical Products Ltd.	Beverly and Kerr Sts., Galt
General Drug Co.	907 Elliott St., W., Windsor
Gray Remedy Co.	62 Lombard St., Toronto
Hartz, J.F., Co. Ltd., The	32-34 Grenville St., Toronto
Hess and Clark Ltd.	659 Adelaide St., London
Howard Bros. Chemical Co.	40 Jarvis St., Bridgeburg
Ingram & Bell	256 McCaul St., Toronto
Jamieson, C.E., & Co. Ltd.	15 Wyandotte St., Walkerville
Jefferis, E.	442 Quebec Ave., Toronto
Kitchener Tonsilitis Co.	195 Lancaster St. E., Kitchener
Kotex Co. of Canada, Ltd.	431 Victoria Ave., Niagara Falls
Lavoris Chemical Co. Ltd.	92 Jarvis St., Toronto
Lewis, A. L., Medicine Co.	67 Crawford Ave., Windsor
MacDonald Medicine Co.	325 King St. W., Kitchener
Mallinckrodt Chemical Works Ltd.	183 Front St. E., Toronto



DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1934.  
(continued)

<u>Names of Firms</u>	<u>Location of Plants</u>
<u>ONTARIO - concluded</u>	
Marlatt, G. W., & Company Ltd.	211 Gerrard St. E., Toronto
Mentholatum Co., The	20 Lewis St., Fort Erie North
Merrill Co. Ltd., The	93 $\frac{1}{2}$ 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.	579 Richmond St., Toronto
National Mfg. Co.	265 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.	455 Spadina Ave., Toronto
Noxema Chemical Co. of Canada, Ltd., The	92 Jarvis St., Toronto
Parke, Davis & Co.	Sandwich St., Walkerville
Parke & Parke Ltd.	18 Market Square, Hamilton
Penslar Co. Ltd., The	11 Devonshire Rd., Walkerville
Petrolagar Laboratories of Canada, Ltd.	103 Ottawa St., Walkerville
Phillips, Chas. H., Chemical Co.	907 Elliott St., Windsor
Pinex Co.	424 Wellington St. W., Toronto
Pinkham, Lydia E., Medicine Co.	University Ave., Cobourg
Planques, L. G.	186 King St., London
Poloris Co. Ltd.	36-48 Caledonia Rd., Toronto
Powell, H., Chemical Co. Ltd., The	38 Dundas St. E., Toronto
Ransom, D., & Son	Idlewylde St., Fort Erie
Rolls & Darlington Ltd.	119 Pearl St., Toronto
Rundle, Geo. H., & Son Co. Ltd., The	Pitt St. and Dougal Ave., Windsor
Saltrates Inc.	103 Ottawa St., Walkerville
Saunders, W.E., Ltd.	186 King St., London
Scott & Bowne	296 Richmond St., Toronto
Serva Mfg. Co.	66 Yonge St., Richmond Hill
Shuttleworth, E.B., Chemical Co. Ltd.	898 St. Clair Ave. W., Toronto
Squibbs, E. R., & Sons of Canada, Ltd.	36-48 Caledonia Rd., Toronto
Stearns, Frederick, & Co. of Canada, Ltd.	345 Sandwich St. W., Windsor
Sterling Products Ltd.	907 Elliott St., Windsor
Stevens, J., & Son, Co. Ltd.	145 Wellington St., Toronto
Sutcliffe & Bingham of Canada, Ltd.	81 Peter St., Toronto
Synthetic Drug Co. Ltd.	243 College St., Toronto
Templetons Ltd.	56 Colborne St. and 122 King St.W., Toronto
Toronto Pharmacal Co. Ltd., The	20 Brockton Ave., Toronto
Troy Chemical Co.	517 Crawford St., Toronto
Turnbull Pharmacal Co.	314 Yonge St., Toronto
United Drug Co. Ltd.	68 Broadview Ave., Toronto
Vanderhoof & Co. Ltd.	301 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.	238 Main St., Westboro
Wood, W. Lloyd, Ltd.	64 Gerrard St. E., Toronto
World's Dispensary Medical Association	40 Courtwright St., Fort Erie North
Wyeth, John, & Bro. Inc.	103 Ottawa St., Walkerville
Wyeth Chemical Co.	103 Ottawa St., Walkerville
X-It Laboratories Inc.	10 Wilson St., Perth.



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DIRECTORY OF FIRMS IN THE MEDICINAL AND PHARMACEUTICAL PREPARATIONS INDUSTRY, 1934.  
(concluded)

Names of Firms

Location of Plants

MANITOBA -

Eaton, T., Co. Ltd., The	Winnipeg
Fahrney, Dr. Peter, & Sons Co.	256 Stanley St., Winnipeg
Homine Products	276 Carlton 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
Soda Fountain Supply Co. Ltd.	Notre Dame and Princess Sts., Winnipeg
Watkins, J.R., Co., The	Annabella and E. Higgins St., Winnipeg

SASKATCHEWAN -

Herbal Remedies Ltd.	404 - 20th St. W., Saskatoon
Saskasol Ltd.	511 -1791 Rose St., Regina
Tested Specialties Co.	Dunblane

ALBERTA -

Harris, George, & Son	507 - 24th Ave. W., Calgary
McIntyre, J.C.	10061 - 101st St., Edmonton

BRITISH COLUMBIA -

B. C. Pharmacal Co. Ltd.	329 Railway St., Vancouver
Edmonds, J. W.	510 W. Hastings, Vancouver
Harwood Remedies Co.	15 Broadway West, Vancouver
Lang's Mineral Remedies	946 Robson St., Vancouver
R. M. B. Laboratories of Canada, Ltd.	736 Granville St., Vancouver
Western Wholesale Drug Ltd.	456 Broadway W., Vancouver