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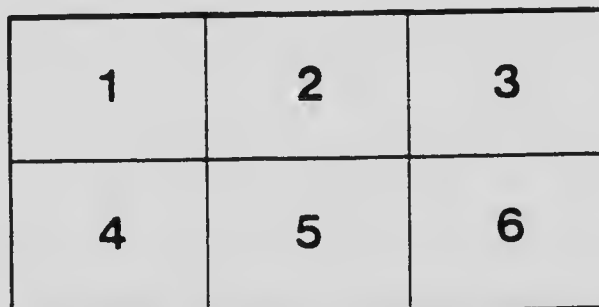
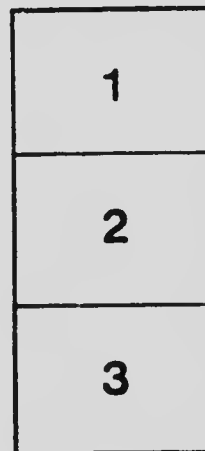
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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

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BULLETIN No. 272

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LARD

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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 272

LARD

OTTAWA, November 18, 1913.

WM. HIMSWORTH, Esq.,  
Deputy Minister,  
Inland Revenue.

SIR,—I have the honour to present a report upon 182 samples of lard, as purchased throughout Canada in February, March, and April of this year.

The result of analysis may be summarized as follows:—

	Samples.
Genuine.....	169
Contain excess water.....	3
Doubtful.....	1
Adulterated.....	8
Sold as compound.....	1
Total.....	182

Adulteration consists in all cases, of added foreign fat, of vegetable origin. This addition is not harmful to health, but constitutes adulteration under Section 3 (b), inasmuch as "a cheaper substance has been substituted wholly or in part for the article."

The excess iodine in three samples is so slightly above the permitted limit (1 per cent) that I do not think it necessary to declare the samples adulterated except in a technical sense.

One sample I regard as doubtful (No. 53485) because of the high iodine number. This, however, while justly giving rise to doubt of genuineness, is yet insufficient to furnish conclusive proof of adulteration.

The sample sold as compound, should not have been accepted by our inspector.

A collection of samples of lard, and substitutes for lard, is now in hand. On reporting this collection at a later date, I shall take occasion to review in greater detail, the matter of lard, and substitutes therefor, as now found on the Canadian market.

I beg to recommend publication of this report as Bulletin No. 272.

I have the honour to be, Sir,  
Your obedient servant,

A. MCGILL,  
*Chief Analyst.*

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF NOVA SCOTIA—

1913.							
Mar. 12	Lard.....	46916	P. T. Shea, Halifax, N.S.	1½ lb.	30	Morrell & Co., Ottawa, U.S.A.	Mfrs.....
" 12	" .....	46917	Wentzells Ltd., Halifax, N.S.	1½ "	23	Swift & Co., Chicago, U.S.A.	" .....
" 12	" .....	46918	G. Hirschfeld, Halifax, N.S.	1½ "	25	Vendor .....	" .....
" 12	" .....	46919	T. Spry, Halifax, N.S.	1½ "	25	" .....	" .....
" 13	" .....	46920	A. L. Doyle & Co., Halifax, N.S.	1½ "	25	Vendors.....	" .....
" 13	" .....	46921	J. A. Leaman & Co., Halifax, N.S.	1½ "	25	" .....	" .....
" 13	" .....	46922	Dillon Bros., Halifax, N.S.	1½ "	25	F. W. Fearman, Hamilton, Ont.	Mfr.....
" 19	" .....	46923	DeWolf & Lamont, Kentville, N.S.	1½ "	23	Swift & Co., Chicago, U.S.A.	R. B. Seeton & Co., Halifax, N.S.
" 22	" .....	46924	S. Thomson, Dartmouth, N.S.	1½ "	25	F. W. Fearman & Co., Hamilton, Ont.	Mfrs .....
" 24	" .....	46925	Truro Market, Truro, N.S.	1½ "	25	Wm. Davies, Toronto.	Mfr.....

## DISTRICT OF PRINCE EDWARD ISLAND—

Mar. 4	Lard.....	46369	R. T. Maddigan, Charlottetown, P.E.I.	1½ lbs.	30	Davies & Fraser, Ch'Town, P.E.I.	.....
" 5	" .....	46370	S. Beaton, Bonshaw, P.E.I.	1½ "	30	" .....	" .....
" 5	" .....	46371	Lord Co., Cape Traverse, P.E.I.	2 "	36	The Wm. Davies Co., Ltd., Toronto.	.....
" 6	" .....	46372	P. D. Hogan, Tyrone, P.E.I.	1½ "	30	Davies & Fraser, Ch'Town, P.E.I.	.....
April 25	" .....	46373	J. A. Hynes, Kensington, P.E.I.	1½ "	30	Morris & Co., Chicago.	.....
" 25	" .....	46374	James Kennedy, Kensington, P.E.I.	1½ "	30	Patrick McGuire, Clinton, P.E.I.	.....
" 25	" .....	46375	Sinclair & Stewart, Summerside, P.E.I.	1½ "	27	Mathews, Laing, Ltd., Montreal.	.....

## DISTRICT OF NEW BRUNSWICK—

Feb. 25	Lard.....	50545	John Hopkins, St. John, N.B.	1½ lbs.	30	Vendor .....	.....
" 25	" .....	50546	F. S. Williams Co., Ltd., St. John, N.B.	2 "	40	Gunn's, West Toronto.	.....
Mar. 13	" .....	50547	G. B. Taylor, St. John, N.B.	1½ "	30	Vendor .....	.....



## LARD.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refracto- meter. Read- ing at 40° C.	Line Number (Hanus).		

R. J. WAUGH, INSPECTOR.

	p. c.				
.....	Traces..	.....	51	.....	46916 Genuine.
.....	"	.....	51.5	.....	46917 "
.....	"	.....	50.5	.....	46918 "
.....	"	.....	50	.....	46919 "
.....	"	.....	49.5	.....	46920 "
.....	"	.....	51	.....	46921 "
.....	"	.....	51.5	.....	46922 "
.....	"	.....	52	.....	46923 "
.....	"	Pink.....	52	58.71	46924 "
.....	"	.....	52	.....	46925 "

WM. A. WEEKS, INSPECTOR.

.....	Traces..	.....	49	.....	46369 Genuine.
.....	"	.....	49.5	.....	46370 "
.....	"	.....	51	.....	46371 "
.....	"	.....	52	.....	46372 "
.....	"	.....	51	.....	46373 "
.....	1.33 12.97	.....	50.5	.....	*46374 Excess water.
.....	Traces..	Deep pink..	51.5	61.60	46375 Genuine.

J. C. FERGUSON, INSPECTOR.

.....	Traces..	Crimson....	51	57.97	50545 Genuine.
.....	"	.....	51.5	.....	50546 "
.....	"	.....	51.5	.....	50547 "

\* Somewhat mouldy. † Duplicate sample.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF NEW

1913.							
Mar. 13	Lard	50548	Slipp & Flowelling St. John, N.B.	1½ lbs.	30	Vendors	
" 13	"	50549	S. E. Rice, St. John, N.B.	1½ "	30	F. W. Fearman Co., Hamilton.	
April 10	"	50550	P. H. McKenna, Stephen, N.B.	1½ "	25		G. E. Barbour Co., Ltd., St. John, N.B.
" 15	"	50551	J. Boyle & Son, Fredricton, N.B.	1½ "	30	Vendors	
" 23	"	50552	King & Asbell, Sussex, N.B.	1½ "	30	Matthews-Laing, Toronto, Ont.	
" 23	"	50553	D. A. McBeath, Moncton, N.B.	1 cake	40	Davis & Fraser, Charlottetown, P. E. I.	
" 23	"	50554	The 2 Barkers Ltd., Moncton, N.B.	1 "	26	Morris & Co., Chicago.	
Mar. 12	"	50600	John Hopkins, St. John, N.B.	1 "	30	Vendor	
April 16	"	56901	C. B. Snow, Woodstock, N.B.	1 "	27	Gunns Ltd., West Toronto.	

## DISTRICT OF QUEBEC—

Feb. 24	Lard	37128	Benjamin Cepeault, 68 Rue Cremasie, Montcalville.	1½ lbs.	30	O'Keef, Chatham, Ont.	J. B. Reneaud & Cie, Quebec.
" 25	"	37129	F. Racine, 66 Rue Cremasie, Montcalville.	1½ "	30	" " "	Emond & Cote, Quebec.
" 26	"	37130	Joseph Brulot, 11 Chemin Ste. Foie.	1½ "	30	Matthews-Laing Co.	Octave Jacques, Quebec.
" 27	"	37131	Jos. Bédard, 113, 2me Rue Stadacona.	1½ "	33	Swift Co., Winnipeg.	Gagnon & Garent, Quebec.
" 27	"	37132	François Cliche, 4me, 130 Rue Stadacona.	1½ "	30	F. M. Sinclair, Cedar Rapids, Iowa.	Octave Jacques, Quebec.
Mar. 3	"	37133	F. Grenier, 50 Rue Scot, Quebec.	1½ "	33	Boulet & Lavoie, Quebec.	Manufacturers.....
" 3	"	37134	F. Delisle, 60 Rue Scot, Quebec.	1½ "	25	O'Keefe & Drew, Chatham, Ont.	Emond & Cote, Quebec.
" 3	"	37135	Jos. F. Goslin, 50 Rue D'Orchester, Quebec.	1½ "	30	F. M. Sinclair Co., London.	Manufacturers.....
" 4	"	37136	Charles Martel, 49 Rue Artillerie, Quebec.	1½ "	30	E. M. Sinclair Ltd., Toronto.	Alfred Dombroski, Quebec.
" 4	"	37137	A. Roy, 1124 Rue Scot, Quebec.	1½ "	30	Harris Abattoir, Cedar Rapids.	J. B. Reneaud & Cie, London.
" 5	"	37188	J. A. Martel, 155 Rue St. Patrick, Quebec.	1½ "	30	F. M. Sinclair, Cedar Rapids.	Octave Jacques, Quebec.
" 5	"	37189	Ernest Tessier, 121 Rue Scot, Quebec.	1½ "	30	" " "	D. D. Drolet, Quebec.
" 5	"	37190	W. Gagnon, 112 Rue Artillerie, Quebec.	2 "	40	" " "	N. Rioux & Cie, Quebec.

LARD.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refracto- meter. Read- ing at 49°C.	Iodine Number (Hanus).		

BRUNSWICK—Concluded.

	p. c.				
.....	Traces..		51	.....	50518 Genuine.
.....	0.39		53	.....	50540 "
Swift's "Silver Leaf," Lard.	Traces..		51	.....	50550 "
.....	"		51	.....	50551 "
.....	"	Crimson	51	59.06	50552 "
.....	"		50.5	.....	50553 "
"Supreme Brand."	"		52	.....	50554 "
.....	"		51.5	.....	50600 "
.....	"	Deep pink.	52	61.20	55901 "

F. X. W. E. BELAND, INSPECTOR.

.....	Traces..		52	.....	37128 Genuine.
.....	"		51.5	.....	37129 "
.....	"		52	.....	37130 "
.....	"		52	.....	37131 "
.....	"		51	.....	37132 "
.....	"		51.5	.....	37133 "
.....	"		51.5	.....	37134 "
.....	"		51	.....	37135 "
.....	"		51	.....	37136 "
.....	"		51.5	.....	37137 "
.....	"		51.5	.....	37188 "
.....	"		51	.....	37189 "
.....	"		52.5	.....	37190 "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF

1913.							
Mar.	5 Lard	37191	J. Noël Rondeau, 6 Rue 1 $\frac{1}{2}$ Lachevrotière, Quebec.	lb.	30	O'Keefe & Andrews, Co., Granton, Ont.	J. B. Reneaud & Cie., Quebec.
"	5 "	37192	Alphonse Coté, 381 Rue 1 $\frac{1}{2}$ St. Jean, Quebec.	"	30	Matthews, Toronto.	Enond & Coté, Quebec.

## DISTRICT OF THREE RIVERS—

Mar.	17 Lard	57214	Louis Enos, St. Félix de Valois.	3 lbs.	45	Laing, Montreal.	
"	17 "	57217	G. H. Read, St. Félix de Valois.	3 "	45	National Packing Co., Quebec.	
"	17 "	57222	Thermas Guibord, St. Félix de Valois.	3 "	60	Davies Co., Montreal.	
"	17 "	57223	Jos. Mousseau, St. Félix de Valois.	3 "	54	Maple Leaf, West Toronto.	
"	18 "	57227	Ernest Asselin, St. Félix de Valois.	3 "	51	W. Davies, Montreal.	
"	19 "	57231	Esdras Asselin, St. Félix de Valois.	3 "	60	W. Davies Co., Montreal.	
"	19 "	57234	Louis Bellerose, St. Félix de Valois.	3 "	54	" "	
"	22 "	57238	C. Barrette, Joliette	3 "	54	Laing, Montreal	
"	22 "	57243	Magnan Frères, Joliette.	3 "	54	" "	
"	24 "	57248	Wilfrid Brissette, St. Félix de Valois.	3 "	54	W. Davies Co., Montreal.	

## DISTRICT OF EASTERN TOWNSHIPS—

Mar.	10 Lard	1591	Cimeon Gouin, Victoria-ville.	1 lb.	16		L. Chaput Fils et Cie., Montreal.
"	12 "	1502	J. E. Ouellette, Beauceville.	5 "	90	Fowler's Canadian Co., Ltd., Hamilton	
"	12 "	1503	P. F. Renaud, Beauceville.	3 "	58	The Hovey Bros. Packing Co., Sherbrooke.	
"	17 "	1504	W. S. Samson & Son, Windsor Mills.	1 "	17	Matthews Laing Ltd., Montreal.	
"	18 "	1505	E. J. Planche et Cie., Cookshire.	1 pail	60	The Hovey Bros. Packing Co., Sherbrooke.	
"	19 "	1506	A. Lachance, Sherbrooke.	3 lbs.	55	Vendor	
April	16 "	1507	Geo. E. Blais, Danville.	5 "	90	Matthews Laing Ltd., Montreal.	
"	18 "	1508	J. E. Alby, Drummondville.	1 "	13	The N. K. Fairbanks Co., Montreal.	

D.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Buhyro Refracto- meter. Read- ing at 40°C.	Iodine Number (Hanus).		

QUEBEC—Concluded.

	p. c.				
.....	Traces..	.....	52	.....	37191 Genuine.
Pure lard.....	"	.....	52	.....	37192 "

DR. V. P. LAVALLÉE, INSPECTOR.

.....	0.25	Pink .....	50	63.85	57214	Genuine.
.....	Traces..	.....	52	.....	57217	"
.....	"	.....	51	.....	57222	"
.....	0.59	.....	51	.....	57223	"
.....	Traces..	.....	51.5	.....	57227	"
.....	"	.....	52	.....	57231	"
.....	"	.....	52	.....	57234	"
.....	0.63	Pink .....	52	61.77	57238	"
.....	Traces..	" .....	52	62.27	57243	"
.....	"	.....	52	.....	57248	"

G. C. ROULEAU, INSPECTOR.

.....	Traces..	.....	51	.....	1501	Genuine.
Labelled pure lard .....	"	.....	50	.....	1502	"
.....	"	.....	50	.....	1503	"
.....	"	Faint pink..	51	56.17	1504	"
.....	"	.....	52	.....	1505	"
.....	"	.....	51.5	.....	1506	"
.....	"	Faint pink .	52.5	55.57	1507	"
Labelled compound .....	"	Crimson....	61	85.14	1508	Labelled compound

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF EASTERN

1913.							
April 21	Lard	1509	R. J. Buckle, Sutton	3 lbs.	60	Alex. Ames & Sons, Sherbrooke.	
" 25	"	1510	L. Gurdreau, St. Hyacinthe.	1 "	18	M. Lussier, St. Hyacinthe.	

## DISTRICT OF MONTREAL—

Feb. 24	Lard	51221	Jos. Lacombe, 677 Ont. St. Maisonneuve.	1½ lbs.	23	Swifts Packing and Prov. Co.	
" 24	"	51222	J. Guay, 404 Orleans Ave., Maisonneuve.	1½ "	30	Swifts Canadian Co., Montreal.	
" 24	"	51223	V. Levac, 700 Adams St., Maisonneuve.	1½ "	25	Swifts Packing and Prov. Co.	
" 25	"	51224	P. J. Guay, 101 Fourth Ave., Viauville.	1½ "	27	Vendor.	
" 25	"	51225	John Heaney, Lafontaine St., Maisonneuve.	1½ "	27	Matthews-Laing, Ltd., Montreal.	
" 25	"	51226	J. O. Maranda, 215 Ont. St. Maisonneuve	1½ "	27	Swifts Packing and Prov. Co.	
" 25	"	51227	M. A. Payette, 217 Ont. St., Maisonneuve.	1½ "	27	Whyte Packing Co., Ltd., Montreal.	
" 25	"	51228	D. Rochan, 525 Ont. St., Maisonneuve.	1½ "	27	Swifts Packing and Prov. Co.	
" 25	"	51229	H. Vallee, 2246 Ont. St. E., Montreal.	1½ "	27	Gunns Ltd., Montreal.	
" 25	"	51230	A. Asselin, 2026 Ont. St. E., Montreal.	1½ "	27	Swifts Packing and Prov. Co.	
Mar. 3	"	51230	Planeuf Carrier, 76Durette St., Montreal.	1 pail	2.75	" " "	

## DISTRICT OF VALLEYFIELD—

Mar. 13	Lard	51301	W. Plante, Valleyfield, Que.	1½ lbs.	27	Swifts Canadian Co., Ltd.	
" 13	"	51302	W. Beaudry, Valleyfield, Que.	1½ "	30	" " "	
" 13	"	51303	The Industrial Co-Op Society Ltd., Valleyfield, Que.	1½ "	30	Wm. Davies Co., Ltd., Montreal.	
" 13	"	51304	J. A. Major, Valleyfield, Que.	1½ "	30	Fowler's Canadian Co., Ltd.	
" 19	"	51305	E. Z. Labrosse, Vankleek Hill, Ont.	2 "	40	Matthews-Laing, Ltd.	
" 19	"	51306	John Wilson, Vankleek Hill, Ont.	1½ "	30	" " "	
" 20	"	51307	F. X. Bertrand, Hawkesbury, Ont.	1½ "	30	" " "	

LARD

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refracto- meter. Read- ing at 40°C.	Iodine Number (Hanusa).		

TOWNSHIPS—*Concluded.*

Labelled Pure Lard.....	Traces..		51.5		1509	Genuine.
.....	"		51		1510	"

J. J. COSTIGAN, INSPECTOR.

Labelled Swift's Pure Lard.	0.47	Deep red....	54.1	81.55	51221	Adulterated with foreign fat.
"Silver Leaf" Brand...	Traces..		50.5		51222	Genuine.
Labelled Swift's Pure Lard.	0.05	Deep red....	53	80.78	51223	Adulterated with foreign fat.
.....	Traces..		50		51224	Genuine.
.....	"	Deep pink..	51	59.10	51225	"
Labelled Swift's Pure Lard.	0.12	Deep red....	53	82.69	51226	Adulterated with foreign fat.
.....	Traces..		51.5		51227	Genuine.
Labelled Swift's Pure Lard.	0.09	Deep red....	52.7	80.67	51228	Adulterated with foreign fat.
.....	Traces..		51		51229	Genuine.
Labelled Swift's Pure Lard.	0.03	Deep red....	53	82.35	51230	Adulterated with foreign fat.
Sold for Pure Lard.....	0.09	"	53	80.41	51290	" "

J. J. COSTIGAN, ACTING INSPECTOR.

.....	Traces..		52		51301	Genuine.
.....	"		52		51302	"
.....	"		51.5		51303	"
.....	"		52		51304	"
.....	"	Deep pink..	52	60.85	51305	"
.....	"	Pink.....	51.5	56.05	51306	"
.....	"	Deep pink..	52	59.18	51307	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF

1913.							
Mar. 24	Lard . . . . .	51308	D. J. McDonald, Alexandria, Ont.	2 lbs.	40	Matthews-Laing Ltd.	
" 24	" . . . . .	51309	John Boyle, Alexandria, Ont.	1½ "	30		
" 24	" . . . . .	51310	" " "	2 "	40	Swift's Canadian Co. Ltd.	

## DISTRICT OF OTTAWA—

Feb. 21	Lard . . . . .	51701	D. J. Gillies, Cornwall.	1½ lbs.	27	Armour Co., Ogdensburg, U.S.	Manufacturers . . . . .
" 21	" . . . . .	51702	Fawthrop Bros., Cornwall.	1½ "	26	Gunn's Ltd., Toronto.	" . . . . .
" 22	" . . . . .	51704	The City Grocery, Carleton Place.	1½ "	39	Matthews-Laing Ltd., Ottawa.	" . . . . .
" 22	" . . . . .	51705	" " "	1 "	18	Gunn's Ltd., Toronto.	" . . . . .
" 22	" . . . . .	51706	R. D. Carmichael, Carleton Place.	2 "	36	Swift's Canadian Co., Ltd.	" . . . . .
" 24	" . . . . .	51707	A. E. Thomas, Arnprior.	21 ozs.	23	Fowler's Canadian Co., Hamilton, Ont.	" . . . . .
" 24	" . . . . .	51708	A. Murphy, Arnprior.	1 "	18	Matthews-Laing Ltd., Montreal.	" . . . . .
" 24	" . . . . .	51709	T. McCormick, Arnprior.	1½ "	26	Swift's Packing and Prov. Co., (Chicago, St. Louis and New York.	" . . . . .
" 27	" . . . . .	51710	J. Mundy, St. Patrick St., Ottawa.	1½ "	26	Fowler's Canadian Co., Ltd., Hamilton.	" . . . . .
Mar. 1	" . . . . .	51765	Jos. Martel, Hull, Que.	1½ "	26	Matthews-Laing Ltd., Ottawa.	" . . . . .

## DISTRICT OF KINGSTON—

Mar. 3	Lard . . . . .	46584	H. C. Hampton, Belleville.	1½ lbs.	27	Gunn's, Ltd., Toronto.	
" 3	" . . . . .	46585	S. R. Artis, Belleville.	1½ "	27		J. Sloan, Belleville.
" 3	" . . . . .	46586	W. H. Lanning, Belleville.	1½ "	27	Gunn's, Ltd., Toronto.	
" 3	" . . . . .	46587	W. Davies, Belleville.	2 "	40	W. Davies Co., Toronto.	
" 3	" . . . . .	46588	E. A. Kellaway, Belleville.	1½ "	27	" " "	
Feb. 27	" . . . . .	50793	W. J. Lee, Kingston.	1½ "	27	Morris Co., Chicago.	
" 27	" . . . . .	50794	W. J. Arnill, Kingston.	1½ "	27	Geo. Matthews, Peterborough.	



LARD.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Buetyro Refracto- meter. Read- ing at 40°c.	Iodine Number (Hanus).		

VALLEYFIELD—Concluded.

	p c.				
.....	Traces..	Deep pink..	51.5	58.82	51308 Genuine.
Rose Brand.....	"		50.5		51309 "
Silver Leaf Brand.....	0.16		51		51310 "

J. A. RICKEY, INSPECTOR.

.....	Traces..		51.5		51701 Genuine.
.....	"		51		51702 "
Matthews Pure Lard....		Pink. ....	50.5	53.42	51704 "
Gunn's Pure Lard " Maple Leaf" Brand.	"		52		51705 "
Silver Leaf Brand, Guar- anteed absolutely pure.	"		53		51706 "
" Imperial" Pure Lard..	"		52		51707 "
.....	"	Faint pink..	52	60.46	51708 "
Labelled pure lard .....	0.09	Deep red...	53	81.04	51709 Adulterated with foreign fat.
" Imperial" Brand.....	Traces..		52		51710 Genuine.
Pure Lard.....	Traces..	Deep pink..	52.5	59.09	51765 "

JAS. HOGAN, INSPECTOR.

.....	Traces..		51		46584 Genuine.
.....	"		51.5		46585 "
.....	"		50.5		46586 "
.....	"		51		46587 "
.....	"		51		46588 "
.....	"		52		50793 "
.....	"		51.5		50794 "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF

1913.							
Feb.	27	Lard	50795	Anderson Bros., Kingst-	1½ lbs.	30	Vendors
	27	"	50796	W. Davies, Kingston...	2 "	40	Vendor
	27	"	50797	A. Maclean, Kingston..	1½ "	25	"

## DISTRICT OF TORONTO—

Feb.	27	Lard	57001	Mrs. J. Crapper, 234 1½ "	30	C. H. Rudd, Toronto.
"	28	"	57002	George St., Toronto.	26	J. A. McLean Produce Co., Ltd., Toronto.
"	28	"	57003	B. Sigstone, 130 River 1½ "	27	The Swift's Canadian Co. Ltd., Toronto.
Mar.	4	"	57004	J. P. Turner & Son, 185 1½ "	30	Vendor
"	4	"	57005	Sunnach St., Toronto.	28	Wm. Regan, Ltd., Toronto.
"	4	"	57006	J. W. Laister, 174 Wil-	30	Maciver Bros., Tor-
"	4	"	57007	ton Ave., Toronto.	30	Gunn's, Ltd., Tor-
"	4	"	57008	E. Gent, 461 Parliament	27	Unknown
"	5	"	57009	St., Toronto.	25	Gunn's, Ltd., Tor-
"	5	"	57010	Bathurst St., Toronto.	27	Vendors
"	6	"	57056	W. M. Trewin, 768 1½ "	29	F. W. Fearman & Co., Hamilton.
"	6	"	57057	Yonge & St. ns, 320 Royce	27	F. W. Humphrey, Toronto.
"	7	"	57058	Ave., Toronto.	28	F. W. Fearman & Co., Ltd., Toronto.
"	12	"	57058	E. P. Churchill, 1479 1½ "		
				Yonge St., Toronto.		

## DISTRICT OF HAMILTON—

April	9	Lard	57101	Misner Bros., 407 Col-	1½ "	30	Matthew Laing Co., Brantford.
"	9	"	57102	bonne St. East, Brant-	1½ "	26	F. W. Fearman Co., Ltd., Hamilton.
"	10	"	57103	ford.	1½ "	27	Jas. Lambers & Co., Toronto.
"	10	"	57104	R. M. Copeland, 52 Port	1½ "	27	Fowler's Canadian Co., Hamilton.
				St., Brantford.			
				MacQueen & Co., Paris.			
				Geo. Pirie, Lynden.			

## LARD.

Inspector's Report (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refractometer. Reading at 40°c.	Iodine Number (Hanus).		

## KINGSTON—Concluded.

	p. c.					
.....	Traces..	Pink tinge..	51	56.23	50795	Genuine.
.....	"		51.5		50796	"
.....	"		51		50797	"

## H. J. DAGER, INSPECTOR.

.....	Swift's "Silver Leaf" Lard.	Traces..	51		57001	Genuine.
.....	"		50.5		57002	"
.....	"Silver Leaf" Lard	"	51		57003	"
.....	"		52.4		57004	"
.....	"	1.58	52		57005	Excess water, slight.
.....	"	Traces..	50		57006	Genuine.
.....	"		50		57007	"
.....	Swift's "Silver Leaf" Lard.	"	49.5		57008	"
.....	"Maple Leaf" Brand...	"	51		57009	"
.....	"	Pink.....	51	57.56	57010	"
.....	"		50		57056	"
.....	"		51.5		57057	"
.....	"	Pink..	50.5	60.34	57058	"

## H. J. DAGER, ACTING INSPECTOR.

.....	.....	Traces..	50		57101	Genuine.
.....	Labelled "Star Brand" Pure Lard.	"	52		57102	"
.....	"		52		57103	"
.....	"		51.5		57104	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF

1913.							
April 14	Lard	57105	L. Werner, Dunnville.	1½ lbs.	30	.....	By a Farmer near Dunnville.
" 14	"	57106	A. G. McDowell, Dunnville.	1½ "	30	Moyer Bros., St. Catherines.	.....
" 17	"	57107	E. Gander, St. Catharines.	1½ "	25	.....	W. H. Merriman, St. Catharines.
" 23	"	57108	Jas. McQuarrie, 11 King William St., Hamilton.	1½ "	27	The F. W. Fearman Co., Hamilton.	.....
" 23	"	57109	E. K. Horning, 140 John St. North, Hamilton.	1½ "	27	" " ..	.....
" 23	"	57110	Trebilcock & Berry, 301 King St. East, Hamilton.	1½ "	30	Moyer Bros., Ltd., St. Catharines.	.....

DISTRICT OF WINDSOR—

Feb. 24	Lard	47932	F. J. Webb, London, Ont.	1½ lbs.	27	Swift's Canadian Co., Toronto.	.....
" 24	"	47933	Geo. Jackson, London, Ont.	1½ "	27	Vendor .....	.....
" 24	"	47934	T. Hamlyn, London, Ont.	1½ "	30	" .....	.....
" 24	"	47935	H. A. Schafer, London, Ont.	1½ "	27	Fowler's Canadian Co., Hamilton.	.....
" 24	"	47936	F. T. Adams, London, Ont.	1½ "	28	Vendor .....	.....
" 25	"	47937	H. R. Griffith, London, Ont.	1½ "	30	" .....	.....
" 25	"	47938	Trothan Bros., London East.	1 lb.	15	Vendors .....	.....
" 25	"	47939	Geo. Burn, London East.	3 lbs.	54	Ingersoll Packing Co., Ingersoll.	.....
" 25	"	47940	Mitchell & Hopkins.	3 "	54	O'Keefe & Drew, Chatham, Ont.	.....
" 25	"	47941	G. B. Drake.....	3 "	60	Swift's Canadian Co., Toronto.	.....

DISTRICT OF MANITOBA—

Mar. 4	Lard	48855	Moffitt & Douglas, S. L. Kirk Ave., Winnipeg.	3 lbs.	55	Swift's Canadian Co., Winnipeg.	Manufacturers .....
" 4	"	48856	S. Elliott & Co., Main St. N., Winnipeg.	3 "	60	Gordon Ironside Fares Co., Winnipeg.	" .....
" 4	"	48857	D. Campbell, Main St. N., Winnipeg.	3 "	60	" " ..	" .....
" 5	"	48858	J. Paterson, Main St. N., Winnipeg.	3 "	55	Swift's Canadian Co., Winnipeg.	" .....

## LARD.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Bixyro Refracto- meter. Read- ing at 40°C.	Iodine Number (Hanus).		

## HAMILTON—Concluded.

	p. c.				
.....	Traces.....	51	.....	57105	Genuine.
.....	" Faint pink..	52	61.89	57106	"
Fowler's Canadian Co., "L. & S." Brand, Pure Lard.	" .....	52	.....	57107	"
.....	" .....	52	.....	57108	"
.....	" .....	52	.....	57109	"
.....	" .....	52	.....	57110	"

## JOHN TALBOT, INSPECTOR.

Labelled Swift's Silver Leaf Lard.	Traces.. Deep pink .	52	59.01	47932	Genuine.
.....	" .....	52	.....	47933	"
.....	" .....	51.5	.....	47934	"
Labelled Fowler's Pure Lard.	" .....	52	.....	47935	"
.....	" .....	52	.....	47936	"
.....	" .....	52	.....	47937	"
.....	" .....	52	.....	47938	"
Labelled Ingersoll Pure Lard, "Beaver Brand."	" .....	52	.....	47939	"
Labelled "Diamond" Brand O. K. Pure Lard.	" .....	52.5	.....	47940	"
Labelled "Swift's Silver Leaf" Brand, Pure Lard.	" .....	52.5	.....	47941	"

## A. C. LARIVIERE, INSPECTOR.

"Silver Leaf" Brand..	Traces.....	51	61.43	48855	Genuine.
"Sterling" Pure Lard..	" .....	50	.....	48856	"
.....	" .....	51	.....	48857	"
"Silver Leaf" Brand...	" .....	52	.....	48858	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF

1913							
Mar.	5	Lard	48859 W. H. Stone & Co., Main St. N., Winnipeg.	3	lbs.	55	Swift's Canadian Manufacturers Co., Winnipeg.
"	5	"	48860 J. Smith & Son, Main St. N., Winnipeg.	3	"	55	" " " "
"	6	"	48861 A. J. Bond & Co., James, Winnipeg.	3	"	55	" " " "
"	6	"	48862 J. Watson & Co., James, Winnipeg.	3	"	55	The Western Packing Co., Winnipeg.
"	6	"	48863 Dungan & Hunter, James, Winnipeg.	1 1/2	"	30	" " " "
"	6	"	48861 Gibson Gege Co., Notre Dame, Winnipeg.	534	3	55	Gallagher, Holman, Lafrance, Winnipeg.

## DISTRICT OF ROCKY MOUNTAINS

Mar.	4	Lard	49834 Star Grocery, Nelson, B.C.	1	pail	65	Swift's Canadian Co., Edmonton.
"	4	"	49835 " " "	1	"	65	Armour & Co., Chic.
"	4	"	49840 Christie & Benson, Nelson, B.C.	1	"	60	P. Burns & Co., Calgary.
"	4	"	49841 Bell Trading Co., Nelson, B.C.	1	"	65	Armour & Co., Chicago.
"	7	"	49846 Morrin Thompson & Co., Phoenix, B.C.	1	"	60	Swift's Canadian Co., Edmonton.
"	7	"	49847 P. Burns & Co., Phoenix, B.C.	1	"	60	P. Burns & Co., Calgary.
"	13	"	49850 E. F. Rahal, Hosmer, B.C.	1	"	90	T. M. Sinclair Co., Cedar Rapids, Iowa.
"	13	"	49851 " " "	1	"	65	Armour & Co., Chicago.
"	13	"	49857 M. Lund, Hosmer, B.C.	1	"	65	" " "
"	17	"	49860 C. B. Hume & Co., Revelstoke, B.C.	1	"	65	Swift's Canadian Co., Edmonton.
"	17	"	49867 L. C. Masson, Revelstoke, B.C.	1	"	65	P. Burns & Co., Calgary.
Apr.	7	"	49871 Polson Mercantile Co., Enderby, B.C.	1	"	75	Fry Bruhn Co., Seattle.
"	9	"	49873 A. E. Morgan & Co., Armstrong, B.C.	1	"	65	Swift's Canadian Co., Edmonton.
"	9	"	49874 J. Fraser, Armstrong, B.C.	1	"	65	Fry Bruhn Co., Seattle.

No. 272

LARD.

Manufacturer or Vendor.

Inspector.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Buero Refracto- meter. Read. in ° at 40° C.	Iodine Number (Hanus).		

DISTRICT OF

MANITOBA—Concluded.

	p. c.				
Silver Leaf Brand. ....	Traces..		52		48859 Genuine.
" " .....	" .....		52		48860 "
" " .....	" .....		52	60 23	48861 "
" " .....	" .....		52.5	55.03	48862 "
" " .....	" .....		53.5	44.30	48863 "
Pure Lard.....	" .....		53	45.42	48864 "

CONTAINS

THOS. PARKER, INSPECTOR.

"Silver Leaf ".....	Traces..		52		49834 Genuine.
"Shield".....	" .....		52		49835 "
"Shamrock ".....	" .....		52		49840 "
"Simon Pure".....	" .....		51		49841 "
"Silver Leaf ".....	" .....		51		49846 "
"Shamrock".....	" .....		52		49847 "
"White Frost".....	" .....		51		49850 "
"Shield".....	" .....		51		49851 "
"Simon Pure".....	" .....		50.5		49857 "
"Silver Leaf ".....	1.28		51.5		49860 Excess water, slight.
"Shamrock ".....	Traces..		51.5		49867 Genuine.
" ".....	" .....		52		49871 "
" ".....	" .....		52		49873 "
" ".....	" .....		52		49874 "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF VANCOUVER—							
1913.							
Apr. 24	Lard	53476	Turner's Grocery, Pen-der St., Vancouver.	1½ lb.		30 Frye & Co., Seattle, U.S.A.	
" 24	"	53477	Dickies Grocery, Hornby St., Vancouver	1½ "	30	" " "	
" 24	"	53478	T. Russell, Pen-der St., Vancouver.	1½ "	30	Morrell & Co., Seattle, Wash.	
" 24	"	53479	Frank Wright, Sey-mour St., Vancouver.	1½ "	30	Swift & Co., Winni-peg.	
" 24	"	53480	P. Burns & Co., Gran-ville Market, Van-couver.	1½ "	30	Vendors	
" 25	"	53481	Slater Bros., 860 Gran-ville St., Vancouver.	1½ "	30	P. Burns & Co., Van-couver.	
" 25	"	53482	B. C. Market Co., 929 Granville St., Van-couver.	1½ "	20	Swift's Canadian Co., Winnipeg.	
" 25	"	53483	Murphy & Co., Hehn-ken and Granville Sts., Vancouver.	1½ "	30	Swift's Canadian Co., Vancouver.	
" 25	"	53484	Wm. Crossan, 735 Davie St., Vancouver.	1½ "	30	Swift's Canadian Co., Winnipeg.	
" 25	"	53485	W. H. Walsh Co., Sey-mour St., Vancouver.	1½ "	30	Frye & Co., Seattle, U.S.A.	

## DISTRICT OF VICTORIA—

Mar. 14	Lard	53514	Acton Bros., 1317 Doug-las St., Victoria.	2 lbs.	15	John Morrell & Co., Ottumwa, U.S.	
" 14	"	53517	Fenerty Bros., Oak Bay Junction, Victoria.	2 "	50	Swift's Canadian Co., Winnipeg.	
" 14	"	53519	Wm. Marshall, Stanley Ave. and Fort St., Victoria.	3 "	60	" " "	
" 18	"	53551	Copas & Young, 631 Fort St., Victoria.	3 "	60	Frye Bruhn & Co., Seattle, Wash.	
" 18	"	53556	Dixie H. Ross & Co., 1317 Govt. St., Vic-toria.	3 "	65	Vanc. Prince Rupert Meat Co., Van-couver.	
" 26	"	53567	P. Burns & Co., Ltd., 902 Govt. St., Victoria.	3 "	60	" " "	Weederkind & Co., London, Eng.
" 27	"	53568	Vanc. Prince Rupert Meat Co., 1123 Doug-las St., Victoria.	3 "	55	Vendors	
" 27	"	53569	L. Goodacre & Sons, Govt. St., Victoria.	3 "	60	Swift's Canadian Co., Winnipeg.	
" 27	"	53570	The Park Shop, 1116 Blanchard St., Vic-toria.	3 "	50	" " "	
" 28	"	53571	James Adams, Cook and Mears Sts., Victoria.	3 "	60	Frye Bruhn Co., Seattle, Wash.	



LARD.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Pyro Refracto- meter. Read- ing at 40°C.	Iodine Number (Ramus).		

J. F. POWER, INSPECTOR.

	p. c.				
.....	Traces.....	50.5	.....	53476	Genuine.
.....	"	50	.....	53477	"
.....	"	50.5	.....	53478	"
.....	"	70	.....	53479	"
.....	" .. Pink.....	51	62.00	53480	"
.....	" .. Light pink.	51.5	63.50	53481	"
Jewell Brand.....	" .. "	51	60.01	53482	"
.....	"	51	.....	53483	"
.....	" .. Crimson...	55.5	83.25	53484	Adulterated with foreign fat.
.....	" .. "	52	67.26	53485	Doubtful.

D. OSULLIVAN, INSPECTOR.

Morrell's Pure Lard.....	Traces.....	52	.....	53544	Genuine.
'Silver Leaf' Brand....	" ..	52	.....	53547	"
" ..	" ..	52	.....	53549	"
"Wild Rose" Brand....	" ..	51	.....	53561	"
"White Lily" Pure Leaf Lard.	" ..	52	.....	53566	"
Evan's Shamrock Leaf Brand	" ..	51.5	.....	53567	"
White Lily Pure Leaf Brand.	" ..	52	.....	53568	"
Silver Leaf Brand.....	" ..	52	.....	53569	"
" ..	" ..	51	.....	53570	"
Wild Rose Brand. ....	" ..	51.5	.....	53571	"

