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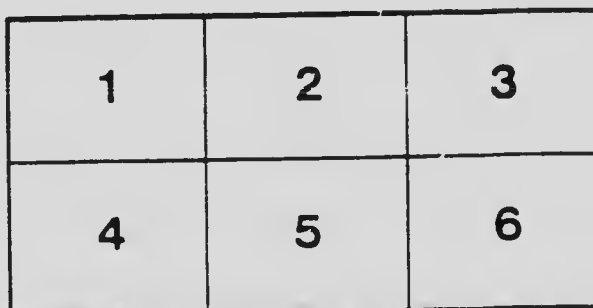
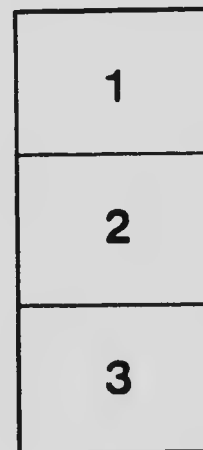
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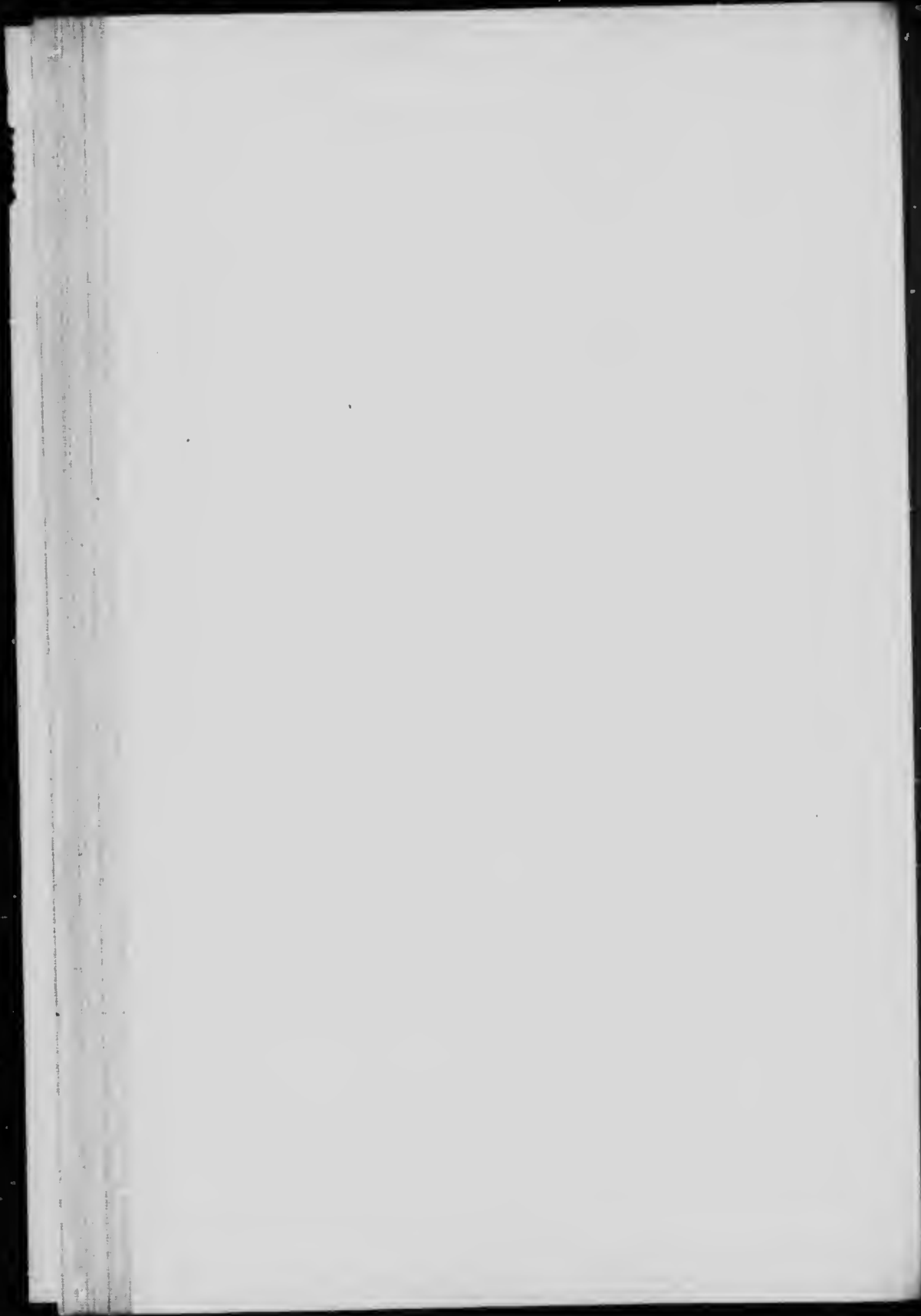
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 281

BUTTER

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 281

BUTTER

OTTAWA, March 17, 1914.

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

SIR,—I beg to hand you a report upon 340 samples of butter collected throughout Canada by our inspectors during the months of November and December of 1913 and January of this year. To this is added as an appendix a report of 26 samples collected in March 1913, in the district of Quebec, for the special purpose of ascertaining whether oleo-margarine was being offered in these markets, as was asserted by some parties who claimed to knowledge in the matter. It was under the especial guidance of these parties that the market was examined; and it is satisfactory to find that all samples obtained were found to be genuine.

Butter is legally defined, by Order in Council of 3rd November 1910, as the clean, non-rancid product made by gathering, in any manner the fat of fresh or ripened milk or cream into a mass, which also contains a small portion of the other milk constituents with or without salt, and contains not less than eighty-two and five tenths (82·5) per cent milk fat, and not more than (16) sixteen per cent of water. Butter may also contain added colour, of a harmless character.

The sum of minimum fat and maximum legal water in butter is 98·5 per cent of its weight; whereas it appears that in a butter containing a maximum amount of permissible water, the salt, curd, lactose, albumens and other milk constituents, traces of which are always present in butter, are in the aggregate amount limited to one and one half (1·5) per cent. If it be desired to introduce more than about one per cent of salt into butter, this must be done by cutting down the water content; and as a matter of fact, it is rare to find 16 per cent of water in butter. Only five samples of the present collection exhibit more than 16 per cent of water, namely:—

Samples No.	Water p.c.	Fat p.c.	Salt p.c.
56192.....	16·75	78·69	4·56
59291.....	16·44	83·47	0·09
53247.....	20·28	76·68	3·04
53250.....	16·48	80·84	2·78
51821.....	16·94	81·47	1·59

And the butter fat is necessarily low in all of these samples which contain appreciable amounts of salt. No 59291 contains only traces of salt, and the butter-fat is quite satisfactory.

The fat content is, of course, the most important datum in judging butter, and is that which determines the cost of butter production. It may be reduced by addition of excessive salt or water. For this reason, a limit is placed upon the percentage of water which may be present in legal butter; and although no definite limit is placed upon the salt content, it is evident that the numerical requirements for fat and water effectively determine a limit of about 7 per cent. For the normal content of water in good butter is about ten per cent while the curd and other milk components, always present in traces usually aggregate about one half of one per cent. When butter contains above 7 per cent of salt it is not only unsatisfactory to the taste on this account, but is usually low in butter fat.

When water is present in considerable excess, it is usual for some portion of it to separate on standing; and even when not in excessive amount, water may separate to the extent of one or two per cent. This water was sold and presumably weighed with the butter, and should in strict justice to the purchaser, be reckoned as part of his purchase. In the present instance, I have granted the vendor whatever advantage such moiety of water may give him; but this must not be regarded establishing a precedent for such action.

No foreign fats have been found in any of these samples.

The following synopsis shows the results of this inspection:—

	Samples.
Found genuine	316
Passed as within reasonable and explicable limits of error	18
Adulterated for excess of water, or for notable deficiency in butter fat	6
Samples reported in appendix	26
	366
Total	

I beg to recommend publication of this report as Bulletin No. 281.

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

A. MCGILL,
Chief Analyst.

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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.							
Dec. 15	Butter.....	53813	D. C. Mulhall, Liver- pool, N.S.	2 lbs.	66	Unknown.....	Jno. Tobin & Co., Halifax, N.S.
1914.							
Jan. 27	"	53814	Jas. A. Leaman & Co., 2 " Halifax, N.S.	"	76	Brookfield Creamery Co., Brookfield, N.S.	Manufacturers...
" 27	"	53815	P. T. Shea, Halifax, 2 " N.S.	"	70	Crapaud Creamery Co., Crapaud, P.E.I.	"
" 27	"	53816	Rooney & Lovett, Hali- fax, N.S.	2 "	66	F. W. Foster, Kings- ton, N.S.	Manufacturer...
" 27	"	53817	Wentzells, Ltd., Hali- fax, N.S.	2 "	70	Acadia Creamery Co., Kingston, N.S.	Manufacturers...
" 27	"	53818	F. S. Burns & Co., Hali- fax, N.S.	2 "	68	Ilsley Bros., Bor- wick, N.S.	"
" 27	"	53819	Geo. Hirschfeld, Hali- fax, N.S.	2 "	70	Unknown.....	A. Patterson, Patterson Sid- ing, N.S.
" 27	"	53820	I. E. Sanford, Halifax, 2 " N.S.	"	70	"	Olive & Stroud, Montreal.
" 27	"	53821	F. S. Short, Halifax, 2 " N.S.	"	70	"	Smith & Proctor, Halifax, N.S.
" 28	"	53822	R. J. Calwell, Halifax, 2 " N.S.	"	60	"	A. Rockwell, Kings Co., N.S.
" 28	"	53823	Linton & McLeod, Hali- fax, N.S.	2 "	61	"	C. H. Crowe, Montrose, Col- chester Co., N.S.
" 28	"	53824	B. H. Dodge & Co., 2 " Kentville, N.S.	"	56	L. Cogswell, Belcher st., Kings Co., N.S.	Manufacturer...
" 29	"	53825	Wentworth Stores, Win- dsor, N.S.	2 "	70	Mrs. A. Clark, Clarksville, N.S.	"
" 29	"	53826	John Lynch & Son, 2 " Windsor, N.S.	"	70	Unknown.....	S. T. Jefferson, Lawrencetown, N.S.
" 30	"	53827	A. D. Bruce, Halifax, 2 " N.S.	"	66	"	Banks & Willi- ams, Halifax, N.S.
" 30	"	53828	Estate of H. W. Brown, 2 " Halifax, N.S.	"	70	"	P. T. Shea, Hali- fax, N.S.
" 30	"	53829	S. Thomson, Dartmouth, 2 " N.S.	"	64	"	F. J. Holman, Ch'town, P.E.I.
" 30	"	53830	Colin McNab & Co., 2 " Dartmouth, N.S.	"	70	J. C. Welton, North Kingston, N.S.	Manufacturer...
" 30	"	53831	A. W. Huxtable, Dart- mouth, N.S.	2 "	68	A. C. Bates, M. Mus- quodoboit, N.S.	"
" 30	"	53832	Coleman & Eisendor, Dart- mouth, N.S.	2 "	70	Unknown.....	Smith & Proctor, Halifax, N.S.

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-met- er at 40°C.	Reichert Me- tal No.	Fat by Differ- ence		
	Separat- ed.	Incorpo- rated.	Total						

R. J. WAUGH, INSPECTOR.

	p. c.	p. c.	p. c.	p. c.		p. c.		
Canadian Tub	0.25	9.18	9.43	2.58	42.6	88.26	53813	Genuine.
Creamery Flat	0.75	9.20	9.95	2.90	43.0	87.90	53814	"
" Block	0.75	12.25	13.00	3.25	42.4	84.50	53815	"
Dairy	0.25	11.88	12.13	2.68	42.0	85.44	53816	"
Creamery Flat	1.50	12.02	13.52	2.80	41.6	85.18	53817	"
" "Scotia" Brand	0.25	13.00	13.25	2.26	42.0	84.74	53818	"
Dairy	1.00	11.68	12.68	3.70	41.6	84.62	53819	"
Block Creamery.		11.16	11.16	3.76	43.4	85.08	53820	"
Dairy Block	0.25	12.68	12.93	2.40	42.4	84.92	53821	"
" Print	1.25	8.32	9.57	6.42	41.4	85.26	53822	"
" Tub		7.97	7.97	6.35	44.0	85.68	53823	"
" 		10.16	10.16	5.15	41.0	86.29	53824	"
" 	0.25	10.02	10.27	4.80	42.0	86.18	53825	"
" Print	2.00	12.00	14.00	5.60	42.0	82.40	53826	"
" 	0.25	10.70	10.95	8.00	42.0	81.30	53827	Deficiency of fat, due to excess of salt. Pass.
" 		10.18	10.18	1.97	42.0	85.00	53828	Genuine.
" 	0.50	10.92	11.42	7.36	42.0	81.72	53829	Deficiency of fat, due to excess of salt. Pass.
" 	1.00	12.62	13.62	0.94	42.6	86.44	53830	Genuine.
" 	0.50	10.50	11.00	1.92	43.8	86.58	53831	"
" 	1.00	9.95	10.95	2.58	45.2	87.47	53832	"

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 BRUNSWICK—

1913.							
Nov. 26	Butter	59313	R. H. Cother, St. John, N.B.	2 lbs.	74	Vendor	
" 20	"	59314	W. H. Bell, St. John, N.B.	2 "	74	"	
Dec. 8	"	59315	M. E. Grass, St. John, N.B.	2 "	66		Matthews, Laing Co., Toronto, Ont.
" 8	"	59316	Harry G. McBeath, St. John, N.B.	2 "	64		G. E. Barbour Co., Ltd., St. John, N.B.
" 8	"	59317	Vanwart Bros., St. John, N.B.	2 "	76	Sussex Cheese & Butter Co., Sussex, N.B.	
" 9	"	59318	W. Fenwick, St. John, N.B.	2 "	60	Farmers' Trading Co., Harvey York Co., N.B.	
" 9	"	59319	W. C. Broadbent, St. John, N.B.	2 "	74	Farmers' Dairy & Produce Co., St. John, N.B.	
" 12	"	59320	P. Nase & Son, St. John, N.B.	2 "	70	Amos Hood, Magaquarie, York Co., N.B.	
" 12	"	59321	W. H. Dunham, St. John, N.B.	2 "	70		Jones & Schofield, St. John, N.B.
" 12	"	59322	W. J. Dalton, St. John, N.B.	2 "	64		Puddington, Wetmore, Morrison Ltd., St. John, N.B.
" 17	"	59323	P. J. McKenna, St. Stephen, N.B.	2 "	68	David Scott, St. James, Charlotte Co., N.B.	
1914.							
Jan. 6	"	59324	John McCluskey, Fredericton, N.B.	2 "	70	Matthew Laing Co., Toronto, Ont.	
" 6	"	59325	E. J. Hoben, Fredericton, N.B.	2 "	70	Unknown	Unknown
" 7	"	59326	E. A. Binden, Woodstock, N.B.	2 "	65	Geo. Sharp, Pembrook, Carleton Co., N.B.	
" 7	"	59327	Watson & True, Woodstock, N.B.	2 "	64	Geo. McLeod, Farmerston, Carleton Co., N.B.	
" 8	"	59328	B. Beveridge, Andover, N.B.	2 "	70	W. W. Wilson & Co., Centreville, Carleton Co., N.B.	
" 13	"	59329	Sussex Mercantile Co., Sussex, N.B.	2 "	64	Unknown	Unknown
" 14	"	59330	H. T. Brewster, Moncton, N.B.	2 "	64	Mrs. Arthur Steeves, Coverdale, Albert Co., N.B.	
" 14	"	59331	Mrs. P. White, Moncton, N.B.	2 "	70	Pure Milk Co., Moncton, N.B.	
" 16	"	59332	J. B. Snowball Co., Ltd., Chatham, N.B.	2 "	70	Maritime Dairy Co., Ltd., Sussex, N.B.	

BUTTER.

Results of Analysis.

Inspector's Report. (Is not an expression of Opinion).	Water.			Ash.	Butyrolin, cometer at 40c.	Reichert Me- tast No.	Fat by Differ- ence	Nos. of Sample.	Remarks and Opinion of the Chief Analyst.
	Separat- ed	Incorpu- rated.	Total.						
Cream		11.70	11.70	5.00	43.2		83.30	59313	Genuine.
"	1.00	10.90	11.90	3.44	43.2		85.83	59314	"
Tub.		8.88	8.88	2.37	43.4		88.75	59315	"
Dairy Tub.		7.91	7.91	5.95	44.5	29.8	86.14	59316	"
Creamery Prints.	1.00	9.23	10.23	2.27	43.2		88.50	59317	"
Country "		10.36	10.36	3.02	45.4	23.6	86.62	59318	"
Creamery.	2.00	7.93	9.93	2.68	43.8		89.39	59319	"
Dairy Prints.		11.00	11.00	2.42	44.0		86.58	59320	"
Creamery Tub.	4.30	12.11	16.41	2.19	45.0	28.1	84.70	59321	"
Dairy Tub.		6.52	6.52	2.25	43.9		91.23	59322	"
Dairy Prints.	4.10	12.50	16.60	4.60	43.4		82.10	59323	"
Dairy Prints. ("An- chor" Brand).		9.70	9.70	1.43	44.2		88.87	59324	"
Country Prints	1.00	10.80	11.80	4.33	42.4		84.87	59325	"
"	0.20	8.37	8.57	3.84	43.1		87.79	59326	"
Choice Dairy		10.02	10.02	2.52	41.6		87.43	59327	"
Country Prints	0.50	10.10	10.60	4.08	43.2		85.82	59328	"
Dairy		10.77	10.77	2.01	45.4	22.3	87.22	59329	"
" Farm.	1.00	9.25	10.25	5.70	42.0		85.05	59330	"
Creamery.	2.00	10.88	12.88	2.08	42.4		87.04	59331	"
"		10.05	10.05	2.94	43.8		87.01	59332	"

BULLETIN No. 281—

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 QUEBEC—

1913.							
Nov. 25	Butter.....	56186	Eugene Lacasse, 48 Rue St. Ambroise, Quebec.	2 lbs.	68	Unknown	Emond & Cote..
" 25	"	56187	J. B. Lapointe, 59 Rue St. Ambroise, Quebec.	2 "	64	"	" ..
" 25	"	56188	N. Cote, 79 Rue St. Ambroise, Quebec.	2 "	64	"	J. B. Reneaud & Cie.
" 26	"	56189	C. Bedard, 588 $\frac{1}{2}$ Rue Francois, Quebec.	2 "	70	"	" ..
" 26	"	56190	Eudare Delisle, 2ue Ave Tachereau, Quebec.	2 "	64	"	Octave Jacques.
" 26	"	56191	J. P. Gagnon, 109 Rue St. Ambroise, Quebec.	2 "	60	"	Emond & Cote..
" 26	"	56192	J. P. Gagnon, 109 Rue St. Ambroise, Quebec.	2 "	68	"	" ..
" 27	"	56193	F. Picard, 117 Rue St. Ambroise, Quebec.	2 "	64	"	" ..
" 27	"	56194	Victor Beaupres, 59 Rue Carillon, Quebec.	2 "	66	"	" ..
" 27	"	56195	J. H. Debonville, 11 Ave. Reneaud, Quebec.	2 "	64	"	Dom. Fish & Fruit Co.
" 27	"	56196	L. Desgagne, 914 Rue et St. Valier, Quebec.	2 "	70	"	Emond & Cote..
" 28	"	56197	Emiline Blouin, 30 Rue Carillon, Quebec.	2 "	64	"	J. B. Reneaud & Cie.
" 28	"	56198	Jos. Poulin, 26 Ave. Reneaud, Quebec.	2 "	64	"	" ..
" 28	"	55199	Louis Blouin, 81 Ave. Reneaud, Quebec.	2 "	64	"	Dom. Fish & Fruit Co.
" 28	"	56200	Z. Goslin, 975 Rue St. Valier, Quebec.	2 "	64	"	J. B. Reneaud & Cie.
Dec. 1	"	56001	Jos. Blouin, 36 Rue Chateauguay, Quebec.	2 "	60	Beurre St. Jean, Isle Orlean.	Manufacturers..
" 1	"	56002	H. Plante, 182 Rue Durocher, Quebec.	2 "	64	Unknown	F. X. Lachance.
" 1	"	56003	F. X. Lachance, 185 Rue Bayard, Quebec.	2 "	56	Beurre St. Jean, Isle Orleans.	Manufacturers..
" 1	"	56004	O. Pichette, 164 Rue Chateauguay, Quebec.	2 "	64	Beurre Encienne, Lorette.	" ..
" 2	"	56005	T. Lebel, 86 Rue Durocher, Quebec.	2 "	64	Unknown	Edmond Sylvain

DISTRICT OF EAST QUEBEC—

1913.							
Dec. 26	Butter.....	2407	N. Pelletier, jr., Cap Chat.	2 lbs.	52	Hipolite Soucy, Cap Chat.	.....
" 29	"	2414	Cyril Charest, Matane.	2 "	56	Jos. Mury, Matane.	.....

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.	
	Water.			Ash.	Butyro-refractometer at 40°C.	Reichert Me- rical No.			Fat by Differ- ence
	Separat- ed.	Incorpo- rated.	Total.						

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

	p. c.	p. c.	p. c.	p. c.		p. c.		
.....		14.33	14.33	1.37	44.2	84.30	56196	Genuine.
.....		15.28	15.28	1.92	43.6	82.80	56187	"
.....		9.37	9.37	2.00	43.3	83.63	56188	"
.....		13.40	13.40	2.82	43.8	83.78	56189	"
.....		12.18	12.18	3.28	48.6	84.54	56190	"
.....		11.93	11.93	5.46	43.2	82.61	56191	"
.....		16.75	16.75	4.56	43.9	73.69	56192	Excess water and deficiency of fat adulterated.
.....		13.80	13.80	2.11	43.8	84.09	56193	Genuine.
.....		15.18	15.18	0.94	43.4	83.88	56194	"
.....		12.23	12.39	2.77	43.8	84.84	56195	"
.....		12.32	12.32	1.25	43.4	86.43	56196	"
.....		10.00	10.00	2.47	43.3	87.53	56197	"
.....		11.78	11.78	2.18	44.1	86.04	56198	"
.....		13.18	13.18	1.75	44.2	85.07	56199	"
.....		13.75	13.75	2.60	43.2	83.65	56200	"
.....		11.75	11.75	1.29	43.1	86.96	56001	"
.....		11.69	11.69	1.51	43.4	86.80	56002	"
.....		11.30	11.30	3.84	44.0	84.86	56003	"
.....		11.45	11.45	9.36	44.0	79.19	56004	Deficiency of fat due to ex- cess salt adulterated.*
.....		8.55	8.55	2.36	43.8	89.09	56005	Genuine.

* The manufacturers explain excess of salt in this sample as having been added to meet the demand of certain patrons who required a heavily salted butter.

A. P. PELLETIER, INSPECTOR.

.....	2.50	8.14	10.64	3.13	44.0	88.73	2407	Genuine.
.....	2.00	8.73	10.73	3.80	44.2	87.47	2114	"

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 EAST QUEBEC—							
1914.							
Jan. 19	Butter.....	2430	A. F. Boutin, St. Flavie	2 lbs.	60	Jos. Dube, St. Joseph	
" 10	"	2441	C. Leteque & Co., St. Flavie.	2 "	70	François Baulin, St. Flavie.	
" 12	"	2444	A. Voyer, St. Flavie...	2 "	60	Thomas Baulieu, St. Flavie.	
" 12	"	2447	J. A. Dufour, St. Flavie.	2 "	60		Matthews-Laing Co., Toronto.
" 13	"	2451	Belasence & Co., Rimouski.	2 "	60	Ant. Gagnon, St. Flavie.	
" 13	"	2454	Talbot, Ltd., Rimouski.	2 "	70		Matthews-Laing Ltd., Toronto.
" 15	"	2458	R. Leveque, R. du Loup.	2 "	66	J. B. Therriault, St. Modeste.	
" 15	"	2459	H. Page, R. du Loup.	2 "	66	Ludger Voyer, St. Antonin.	
" 15	"	2462	J. S. Proulx, R. du Loup.	2 "	64	"	
" 15	"	2464	P. Oullet, R. du Loup.	2 "	60	Unknown	
" 15	"	2466	Oullet & Oullet, R. du Loup.	2 "	60	Syndicat de R. du Loup.	
" 15	"	2467	J. L. Drolet, R. du Loup	2 "	64	Matthews-Laing Co., Toronto.	
" 15	"	2469	E. Michaud, R. du Loup	2 "	70	L. Voyer, St. Antoine.	
" 16	"	2471	Jos. St. Pierre, R. du Loup.	2 "	60	S. Michaud, St. Alexandre.	
" 16	"	2472	Ed. Lapointe, Fraserville.	2 "	64	Aug. Breton, St. Epiphaine.	
" 16	"	2473	Jos. Viel, Fraserville...	2 "	70	J. B. Therriault, St. Modeste.	
" 16	"	2475	V. Drolet, Fraserville...	2 "	70	"	
" 16	"	2477	J. B. Michaud, Fraserville.	2 "	64	"	Matthews-Laing, Montreal.

DISTRICT OF THREE RIVERS—

1913.							
Nov. 23	Butte.....	59754	Edouard Desrosiers, St. Felix.	3 lbs.	90	Vendor	
" 25	"	59759	Edouard Fréchette, St. Felix.	"	90	"	
" 26	"	59760	Moise Boucher, St. Melanie.	"	90	"	
" 26	"	59761	Albert Masscotte, St. Melanie.	"	90	"	
" 26	"	59762	Samuel Pelerin, St. Melanie.	"	90	"	
" 27	"	59763	Alfred Desrosiers, St. Elizabeth.	"	90	"	
" 27	"	59764	Anselme Plante, St. Elizabeth.	"	90	"	

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-refrac- tometer at 40°C.	Reichert Me- isel No.	Fat by Differ- ence		
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p.c.	p.c.	p.c.	p.c.			p.c.		
.....	0.70	7.55	8.25	1.19	44.2	.....	91.26	2430	Genuine.
.....	2.00	11.30	13.30	2.59	42.4	.....	86.11	2441	"
.....	2.50	8.31	10.81	1.57	43.0	.....	90.12	2444	"
.....		10.55	10.55	1.76	44.8	27.6	87.69	2447	"
.....	2.20	9.98	11.48	3.68	43.0	.....	87.04	2451	"
.....	1.30	9.94	11.24	2.07	41.0	.....	87.99	2454	"
.....		12.58	12.58	1.93	43.4	.....	85.49	2458	"
.....	0.30	11.79	12.09	2.90	44.0	.....	85.31	2459	"
.....	0.30	10.11	10.41	3.33	44.2	.....	86.59	2462	"
.....	1.00	10.00	11.00	6.13	44.2	.....	83.87	2464	"
.....	1.00	10.96	11.96	1.74	43.2	.....	87.30	2466	"
.....		7.95	7.95	1.49	45.0	28.0	90.56	2467	"
.....		12.68	12.68	3.15	44.2	.....	84.17	2469	"
.....	1.00	11.35	12.35	4.32	43.6	.....	84.33	2471	"
.....	0.50	11.10	11.60	2.73	43.8	.....	85.17	2472	"
.....		13.96	13.96	2.27	43.4	.....	83.77	2473	"
.....	0.40	13.49	13.89	2.59	44.2	.....	83.92	2475	"
.....		5.87	5.87	1.27	45.0	27.7	92.86	2477	"

DR. V. P. LAVALLÉE, INSPECTOR.

.....	12.02	12.02	1.03	43.4	.....	86.95	59754	Genuine.
.....	12.52	12.52	2.60	43.0	.....	84.88	59759	"
.....	12.56	12.56	1.06	43.0	.....	86.38	59760	"
.....	12.18	12.18	2.44	44.2	.....	85.28	59761	"
.....	9.18	9.18	2.49	43.8	.....	88.33	59762	"
.....	10.28	10.28	2.26	42.1	.....	87.46	59763	"
.....	11.88	11.88	0.93	44.0	.....	87.19	59764	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF THREE RIVERS—							
1913.							
Nov. 28	Butter.....	59765	Ulric Desroches, St. Gabriel.	3 lbs.	90	Vendor.....	
" 29	"	59766	Henri Lavallée, St. Gabriel.	"	90	"	
" 29	"	59767	Joseph Contin, St. Gabriel.	"	90	"	
Dec. 2	"	59768	Agnus Roy, St. Jean de Matha.	"	90	"	
" 3	"	59769	Eucher Guerard, St. Felix.	"	90	"	
" 3	"	59770	Alexis Rainville, St. Felix.	"	90	"	
" 4	"	59771	Joseph Longpre, St. Emmeline.	"	90	"	
" 4	"	59772	Albert Champagne, St. Emmeline.	"	90	"	
" 5	"	59773	Camille Joly, St. Emmeline.	"	90	"	
" 5	"	59774	William Landreville, St. Jean de Matha.	"	90	"	
" 6	"	59775	Auguste Boucher, St. Cleophas.	"	90	"	
" 6	"	59776	Narcisse Gadbury, St. Jean de Matha.	"	90	"	
" 11	"	59777	Octavian Roberge, St. Norbert.	"	90	"	Roberge St. Norbert.

DISTRICT OF EASTERN TOWNSHIPS—

Dec. 9	Butter.....	2201	Therriault & Leduc, Sherbrooke.	2 lbs.	60	A. W. Burton, Ascot.....	
" 9	"	2202	A. Boisvert, Sherbrooke	2 "	66	Unknown.....	
" 10	"	2203	G. Girouard, Victoriaville.	2 "	64	C. Desfosse, St. Valer de Beelde.....	
" 10	"	2204	F. Paquette, Windsor Mills.	2 "	64	N. Boucher, Windsor Mills.....	
" 11	"	2205	J. B. Le Baron, Ltd., No. Hatley.	2 "	66	J. W. McKay, No. Hatley.....	
" 12	"	2206	Aime Cardin, Actonvale.	2 "	60	A. Menard, Actonville.....	
" 15	"	2207	O. F. Piche, Drummondville.	2 "	64	E. Carrignan, Drummondville.....	
" 15	"	2208	F. P. Williams, Knowlton.	2 "	51	Geo. Gorgette, Bolton Glen.....	
" 16	"	2209	J. P. McMahon, West Shefford.	2 "	65	West Shefford, Creamery.....	
" 16	"	2210	A. S. Kendall & Co., Lawrenceville.	2 "	60	Mrs. H. Hudon, Lawrenceville.....	
" 16	"	2211	R. H. Peardon, Eastman.	2 "	64	R. Rogers, Eastman.....	
" 16	"	2212	Jas. Aramotte, Magog.	2 "	70	"	Dun Langlois & Co., Ltd., Montreal.
" 17	"	2213	H. Bird, Waterloo, P. Q.	2 "	62	A. Young, Waterloo P. Q.....	
" 17	"	2214	Sweet Bros., Granby.	2 "	64	Unknown.....	Unknown.....

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.						No. of Sample	Remarks and Opinion of the Chief Analyst.	
	Water.			Ash.	Pycnometer at 40°C.	Reichert Me- terial No.			Fat by Differ- ence.
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p. c.	p. c.	p. c.	p. c.		p. c.		
.....		11.15	11.15	2.98	43.6	85.87	59765	Genuine.
.....		9.68	9.68	1.10	43.9	89.22	59766	"
.....		12.76	12.76	2.66	43.6	84.58	59767	"
.....		13.20	13.20	2.10	43.4	84.70	59768	"
.....		9.60	9.60	3.09	42.2	88.31	59769	"
.....	5.00	12.28	17.28	3.04	43.0	84.63	59770	"
.....		10.68	10.68	2.64	43.6	86.68	59771	"
.....		11.55	11.55	2.21	42.8	86.24	59772	"
.....		12.40	12.40	1.42	44.0	86.18	59773	"
.....		11.28	11.28	1.66	43.8	87.06	59774	"
.....		10.56	10.56	2.52	43.5	86.92	59775	"
.....		12.90	12.90	1.99	44.4	85.11	59776	"
.....		8.28	8.28	1.65	43.4	90.07	59777	"

J. C. ROULEAU, INSPECTOR.

.....	3.00	9.45	12.45	3.06	43.4	87.49	2201	Genuine.
.....	1.00	5.91	6.91	3.11	42.8	90.98	2202	"
.....		14.30	14.30	1.18	43.4	84.52	2203	"
.....		9.90	9.90	4.87	43.6	85.23	2204	"
.....		10.50	10.50	3.33	43.0	86.11	2206	"
.....		12.28	12.28	3.04	43.8	84.68	2206	"
.....		14.32	14.32	2.82	43.2	82.86	2207	"
.....		13.61	13.61	3.92	44.2	82.47	2208	"
.....		13.30	13.30	7.13	43.5	79.57	2209	"
.....		11.92	11.92	1.52	43.1	86.56	2210	"
.....		13.22	13.22	1.97	43.3	84.81	2211	"
.....		9.42	9.42	1.23	44.3	89.35	2212	"
.....	2.20	8.40	10.60	4.12	42.8	87.48	2213	"
.....		10.60	10.60	3.07	42.6	86.33	2214	"

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 TOWNSHIPS—

1914.							
Jau. 14	Butter	2215	A. Dionne, St. Georges, P. Q.	2 1/2	62	Unknown	Unknown
" 15	"	2216	La Cie Avaud & Nadeau Ltd., Valley Junction.	2	56	"	"
" 15	"	2217	J. E. Lacoursiere St. Victor de Tring.	2	52	"	"
" 15	"	2218	Morency & Pils : St. Evariste.	2	50	"	"
" 20	"	2219	J. S. Gingras, Marie- ville.	2	68		Mathews Ltd., Montreal.
" 22	"	2220	J Brousseau, St. Hya- cinthe.	2	62	R. St. Jean, St. Bar- nabe.	

DISTRICT OF MONTREAL—

1913.							
Dec. 3	Butter	58761	F. P. Horan, 1607 St. Lawrence, Blvd, Montreal.	2 lbs.	68		Canadian Swift Co.
" 3	"	58762	C. E. Oliver, 1798 St. Lawrence Blvd, Mon- treal.	2	70	J. J. Joubert, U.L., Montreal.	
" 9	"	58763	A. Walgensinger, 394 Charlevoix St., Mon- treal.	2	70		Gunn, Langlois & Co., Mon- treal.
" 9	"	58764	J. A. Bourdeau, 305 Charlevoix St., Mon- treal.	2	70		J. A. Vaillan- court, Montreal
" 9	"	58765	D. Hadden, 1 Rush- brooke St., Montreal.	2	68		Olive Dorion & Stroud, Mon- treal.
" 9	"	58766	A. O. Galarneau, 624 Wellington St., Mon- treal.	2	66		Mathews, Ltd., Montreal
" 9	"	58767	Ed. Upton, 358 Bour- geois St., Montreal.	2	68		Swift Canadian Co.
" 9	"	58768	John Pringle, 340 Bour- geois St., Montreal.	2	70		Whyte Packing Co.
" 11	"	58769	J. Stetson, 364 Hiber- nia St., Montreal.	2	68		Mathews, Ltd..
" 11	"	58770	N. Fortin, 80 Coleraine St., Montreal.	2	66		Lunham & Gra- ham, Montreal
" 11	"	58771	P. Blais, 288 Liverpool St., Montreal.	2	64		Jas. J. Dalrym- ple & Sons, Montreal.
" 12	"	58772	H. Benoit, 340 Charron, St., Montreal.	2	68		
" 16	"	58773	E. Lamarche, 2,161 St. Lawrence Blvd, Mon- treal.	2	68	Lamarche & Lach- apelle, St. Esprit.	
" 16	"	58774	E. Morin, 2301 St. Law- rence Blvd, Montreal.	2	68		Swift Canadian Co.
" 17	"	58775	J. A. Tardif, 2441 Clark St., Montreal.	2	70		Matthew Ltd.

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyrorefra- ctometer as 40°C.	Reichert Me- test No.	Fat by Differ- ence		
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p.c.	p.c.	p.c.	p.c.		p.c.		
.....	2.00	11.05	13.05	8.23	43.6	86.72	2215	Deficiency of fat, due to excess salt. Pass.
.....	1.25	10.70	11.95	2.47	42.6	86.83	2216	Genuine.
.....	2.50	11.62	14.12	6.45	44.2	81.93	2217	Slight deficiency of fat due to excess of salt. Pass.
.....	2.50	13.30	15.80	2.57	43.2	84.13	2218	Genuine.
.....		11.97	11.97	1.21	43.8	86.82	2219	"
.....		12.45	12.45	2.82	43.6	8.73	2220	"

D. J. KEARNEY, INSPECTOR.

.....		13.36	13.36	1.35	42.6	85.29	58761	Genuine.	
.....		12.30	12.30	2.28	42.5	85.42	58762	"	
.....		11.95	11.95	2.18	45.0	29.9	85.87	58763	"
.....		15.05	15.05	1.98	44.1	82.79	58764	"	
.....	0.50	10.40	10.90	1.39	45.2	26.4	88.21	58765	"
.....	0.50	12.95	13.20	1.17	44.9	25.6	85.88	58766	"
.....		13.77	13.77	1.97	44.2	84.26	58767	"	
.....		11.57	11.57	1.47	43.0	86.96	58768	"	
.....	1.00	10.42	11.42	2.97	43.2	86.61	58769	"	
.....	0.70	10.22	10.92	1.36	44.7	28.1	88.42	58770	"
.....		12.80	12.80	2.16	44.2	85.04	58771	"	
.....		13.18	13.18	2.54	44.2	84.28	58772	"	
.....	1.50	12.20	13.70	1.88	44.2	85.92	58773	"	
.....		14.10	14.10	1.05	44.0	84.87	58774	"	
.....		14.72	14.72	2.24	43.0	83.10	58775	"	

BULLETIN No. 281—

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 MONTREAL—

1913.							
Dec. 17	Butter	58776	W. Desrosiers, 69 Bern- ard, Montreal.	2 lbs.	68		Gunn, Langlois
" 18	"	58777	S. George Grocery, 66 Bernard, Montreal.	2 "	70		W. Champagne
" 18	"	58778	Alf. Boivin, 2498 Waver- ley St., Montreal.	2 "	68		A. Ayer & Co.
" 18	"	58779	J. I. Blair & Co., 113 Bernard Ave., Mont- real.	2 "	70	Jas. Dairympte & Sons.	
" 22	"	58180	J. A. Menard, 59 Rich- mond St. Montreal.	2 "	70	" "	

DISTRICT OF ARGENTEUIL, TWO MOUNTAINS AND TERREBONNE—

Dec. 5	Butter	2302	Wilfrid Mayer, St. Jer- ome, P.Q.	2 lbs.	64	J. B. Lanthier, St. Hypolite, P.Q.	
" 22	"	2303	Charles Tallon, St. Jer- ome, P.Q.	2 "	64	Delphin Dion	
" 22	"	2304	Alcide Beauchamp, St. Jerome, P.Q.	2 "	70	W. Brod Gareau	
" 19	"	2306	Anicet Leduc, St. Agathe des Monts.	2 "	76	Brookfield Creamery	

DISTRICT OF VALLEYFIELD—

1914.							
Jan. 26	Butter	58580	L. Moreau, St. Johns, P.Q.	2 lbs.	64	L. Larocque, Lacadia	
" 26	"	58581	W. R. Simpson, St. Johns, P.Q.	2 "	68		Z. Limoges, Montreal.
" 26	"	58582	A. L. Duhamie, St. Johns, P.Q.	2 "	56		Unknown
" 26	"	58583	M. A. Comtis, St. Johns, P.Q.	2 "	64		Wm. Davie, Montreal.
" 26	"	58584	T. Lacoste, St. Johns, P.Q.	2 "	66		Wm. Copping, St. Johns.
" 28	"	58585	J. G. Leonard, Beau- harnois.	2 "	66	Donat Dagenais, Beauharnois.	
" 28	"	58586	J. A. Faubert, Beau- harnois.	2 "	66	E. I. McGowan, St. Martin.	
" 28	"	58587	O. Marchand, Beau- harnois.	2 "	66	" "	
" 28	"	58588	M. Martin, Beauharnois	2 "	66	" "	
" 28	"	58589	J. L. E. Guimond, Beauharnois.	2 "	64	" "	
" 30	"	58590	Bonneville Gagnon & Cie, Beauharnois.	2 "	68	Joseph Hebert, Hal- ton, P.Q.	
" 30	"	58691	La Maison L. P. Lazure, St. Remi.	2 "	64		Swift Canadian Co., Montreal.
" 30	"	58592	C. H. Lamarre, St. Remi.	2 "	66	Lussier & Surpren- ant, St. Remi.	

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.	
	Water.			Ash.	Butyro-relia- ctometer at 40°C.	Reichert Me- isel No.			Fat by Differ- ence
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p.c.	p.c.	p.c.	p.c.		p.c.		
.....		10.85	10.85	3.68	42.8	85.47	58776	Genuine.
.....		14.50	14.50	3.29	42.9	82.21	58777	"
.....		13.78	13.78	2.52	43.0	83.64	58778	"
.....		12.92	12.92	2.00	43.8	85.08	58779	"
.....		12.22	12.22	1.50	43.4	86.28	58780	"

N. CADIEUX, TEMPORARY INSPECTOR.

.....	2.50	13.55	16.05	2.93	44.2	83.52	2302	Genuine.
.....	1.00	13.27	14.27	4.88	43.5	81.85	2303	Slight deficiency in fat. Pass.
.....	1.00	7.50	8.50	2.19	44.0	90.31	2304	Genuine.
.....		15.68	15.68	2.05	44.0	82.27	2306	"

D. J. KEARNEY, ACTING INSPECTOR.

.....		16.00	16.00	2.65	44.2	81.35	58580	Deficiency in fat, due to maximum water content. Pass.	
.....		14.10	14.10	1.63	44.0	84.27	58581	Genuine.	
.....		11.03	11.03	1.85	44.2	87.12	58582	"	
.....		12.40	12.40	1.70	45.2	26.9	85.90	58583	"
.....		11.50	11.50	2.72	45.0	25.6	85.48	58584	"
.....		12.20	12.20	1.53	43.6		86.27	58585	"
.....		15.15	15.15	3.20	43.8		81.65	58586	Slight deficiency of fat. Pass.
.....		13.25	13.25	2.49	44.0		84.25	58587	Genuine.
.....		12.80	12.80	2.18	43.0		85.02	58588	"
.....		12.50	12.50	2.52	43.0		84.65	58589	"
.....		14.50	14.50	2.70	44.8	25.1	82.80	58590	"
.....		14.87	14.87	1.99	43.4		83.14	58591	"
.....		12.26	12.26	3.11	43.4		84.63	58592	"

BULLETIN No. 281—

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 VALLEYFIELD—

1914.							
Jan.	30	Butter	58593	P. A. Collette, Beau-harnois.	2 lbs.	66	Lussier & Suprenault, St. Remi.
"	30	"	58594	Mail. C. Benoit, Beau-harnois.	2 "	66	Joseph Hebert, Huntingdon, P.Q.
Feb.	3	"	58595	M. Moriarty, Huntingdon.	2 "	68	P. Moriarty, Huntingdon.
"	3	"	58596	E. C. McCoy, Huntingdon, P.Q.	2 "	66	Matthews, Ltd., Montreal.
"	3	"	58597	John Hunter & Sons, Huntingdon, P.Q.	2 "	64	P. Moriarty, Huntingdon.
"	3	"	58598	Geo. Dixon, Huntingdon, P.Q.	2 "	66	W. T. Leonard & Co., Huntingdon.
"	3	"	58599	J. Brown, Huntingdon, P.Q.	2 "	66	Matthews Ltd., Montreal.

DISTRICT OF OTTAWA—

1913.							
Dec.	8	Butter	59224	W. West, Almonte.	3 lbs.	96	Renfrew Creamery Co., Renfrew.
"	8	"	59225	H. H. Cole, Almonte.	2 "	60	Mrs. Andrews, Pak-enham.
"	9	"	59226	W. C. Edwards & Co., Rockland.	3 "	99	Maxville Creamery, Maxville.
"	11	"	59227	Geo. Patterson, Wakefield.	2 1/2 "	57	Thos. Cafferty, Cecil de Mash.
"	11	"	59228	Alex. Maclaren, Wakefield.	3 "	90	Therese Dion, Cecil de Mash.
"	16	"	59229	R. Clark Cummings, Cummings Bridge.	3 "	91	Moyneur, Ltd., Ottawa.
"	16	"	59230	Emond Co., Eastview.	2 "	56	J. Lerner, Ottawa.
"	17	"	59231	T. W. Collins, Friel St., Ottawa.	2 "	79	The Alderney Dairy Co., Ottawa.
"	18	"	59232	G. Lemieux, Pont Hull.	2 1/2 "	78	Moyneur, Ottawa.
"	18	"	59233	Jos. Martel & Co., St., Hull.	4 1/2 "	150	J. Freedman, Ottawa.
"	18	"	59234	M. J. Laverdure, St., Hull.	3 "	96	Ottawa Cold Stores, Ltd., Ottawa.
"	19	"	59235	J. H. Lever, By Ward Market, Ottawa.	3 "	84	Unknown.
"	19	"	59236	" " "	2 "	64	W. A. Hodgins, Shawville.
"	19	"	59237	Gourgeon & Fils, By Ward Market, Ottawa.	3 "	96	J. Freedman, Ottawa.
"	19	"	59238	S. Diamend, By Ward Market, Ottawa.	3 "	96	E. M. Lerner & Sons, Ottawa.
"	19	"	59239	Matthews Laing Ltd., By Ward Market, Ottawa.	3 "	96	Unknown.
"	19	"	59240	" " "	2 "	56	" " "

BUTTER.

Results of Analysis.

Inspector's Report. (Is not an expression of Opinion).	Water.			Ash.	Butyro- metric at 40°C.	Reichert Me- ter No.	Fat by Differ- ence	No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p.c.	p.c.	p.c.	p.c.		p.c.		
.....		13.22	13.22	3.34	43.0	83.44	58593	Genuine.
.....		13.02	13.02	2.38	44.8	23.4	84.60	58594 "
.....		12.45	12.45	0.90	42.5		86.65	58595
.....		12.87	12.87	1.52	44.6	28.3	85.61	58596
.....		12.50	12.50	1.36	43.6		86.14	58597
.....		10.40	10.40	3.94	43.8		85.66	58598
.....		12.90	12.90	3.56	44.6	20.6	83.54	58599

J. A. RICKEY, INSPECTOR.

.....		10.60	10.60	2.15	45.0	26.2	87.25	59224	
.....		12.40	12.40	2.87	44.6	23.1	84.73	59225	
.....		12.25	12.25	2.24	43.4		85.51	59226	
.....	3.50	10.52	14.02	0.96	45.8	24.8	88.52	59227	
The Gatineau Cream- ery.		9.55	9.55	1.84	44.8	26.4	88.61	59228	"
Gold Medal		14.30	14.30	3.29	44.8	27.4	82.41	59229	"
Beachburg Creamery. Reg. No. 1532		8.40	8.40	2.04	43.6		89.56	59230	"
Crown Brand	2.63	13.20	15.83	2.82	43.0		83.98	59231	"
.....	2.68	10.42	13.10	2.53	44.7	27.1	86.99	59232	"
.....		12.55	12.55	6.25	42.8		81.20	59233	Deficiency of fat.
Sweet Clover Brand	1.00	10.10	11.10	2.11	43.8		87.79	59234	Genuine.
.....		8.50	8.98	4.50	43.5		87.02	59235	"
.....		0.40	11.44	3.30	43.5		85.66	59236	"
Capital Creamery		11.85	11.85	1.27	43.4		86.88	59237	"
Rising Sun		11.85	11.85	1.90	43.8		86.25	59238	"
Rose Brand Choice Creamery.	0.50	10.42	10.92	3.00	43.4		86.58	59239	"
.....	0.25	10.00	10.25	8.00	44.6	27.2	82.00	59240	Slight deficiency fat, due to excess of salt. Pass.

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 OTTAWA—

1913.							
Dec.	19	Butter.....	59241	B. Slattery, Sparks St., Ottawa.	3 lbs..	105	Valley Creamery of Mfrs..... Ottawa, Ottawa.
"	19	".....	59242	Valley Creamery of Ottawa, Sparks St., Ottawa.	3 " ..	90	Vendors.....
"	22	".....	59243	Ottawa Dairy Co., Ltd., Ottawa.	2 " ..	64	".....
1914.							
Jan.	17	".....	59291	" ..	2 " ..	70	".....

DISTRICT OF KINGSTON—

1913.							
Dec.	8	Butter.....	61013	James Redden, King- ston	1 lb..	35	Eastern Dairy School..... Kingston.
"	8	".....	61014	James Crawford, King- ston.	1 lb..	35	Eldon Creamery, Lornville.
"	8	".....	61015	J. B. Hutcheson, King- ston.	1 lb.	33	Victoria Creamery, Lindsay.
"	8	".....	61016	Win Davis, Kingston..	1 lb..	35	Woodside Creamery.....
"	8	".....	61017	W. E. Hopinson Bros., Kingston.	1 lb..	35	Royal Townships Creamery.....
"	8	".....	61018	Geo. Gibson, Kingston..	1 lb..	32	C. McCrane.....
"	8	".....	61019	L. W. Murphy, King- ston.	1 lb..	35	Favourite Creamery.....
"	8	".....	61020	James Kennedy, King- ston	1 lb..	34	Eldon Creamery, Lornville.
"	8	".....	61021	J. D. Valleau, Kingston	1 lb..	33	Brooklin Creamery..
"	9	".....	61022	Mrs. Irwin, Kingston..	1 lb..	33	Beachburg Creamery.....
"	8	".....	61023	J. R. B. Gage, King- ston	1 lb..	33	Brooklin Creamery..
"	8	".....	61024	J. A. Lemmons, King- ston	1 lb.	32	Mrs. Brown, Odessa.
"	9	".....	61025	W. H. Milling Napanee	1 lb.	33	Central Smith Dairy, Peterboro.
"	9	".....	61026	G. W. Royes, Napanee..	1 lb..	32	Laings Special Crea- mery, Brockville,
"	9	".....	61027	F. H. Perry, Napanee..	1 lb..	32	.....
"	9	".....	61028	W. D. Nickle, Napanee	1 lb..	32	Laings Special Crea- mery, Brockville.
"	9	".....	61029	H. C. Hampton, Belle- ville.	1 lb..	32	H. A. Braan, Crea- mery.
"	9	".....	61030	L. R. Artis, Belleville..	1 lb..	35	Laings Special Crea- mery, Brockville.
"	9	".....	61031	R. Elvins, Pelleville...	1 lb.	33	A. H. Campbell, Harwood.
"	9	".....	61032	H. E. Fairfield, Belle- ville.	1 lb..	33	Laings Special Crea- mery, Brockville.

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro- meters at 40°c.	Reichert Me- tal No.	Fat by Differ- ence.		
	Separat- ed.	Incorp- orated.	Total.						

Concluded.

	p. c.	p. c.	p. c.	p. c.		p. c.		
Ottawa Creamery.....		12 16	12 16	2 82	43 5	85 02	59241	Genuine.
".....		11 82	11 82	2 72	43 0	85 46	59242	"
Favorite.....		13 50	13 50	2 23	44 1	84 27	59243	"
".....		16 4		0 09	42 4	83 47	59291	Slight excess of water, but the fat content is high. PASS.

JAS. HOGAN, INSPECTOR.

		13 44	13 44	0 09	43 2	86 47	61013	Genuine.	
		11 38	11 38	2 89	43 5	85 73	61014	"	
		13 07	13 07	2 74	44 0	84 19	61015	"	
		11 83	11 83	2 23	43 6	85 94	61016	"	
		11 35	11 35	2 17	43 0	86 48	61017	"	
		11 45	11 45	2 32	43 0	86 23	61018	"	
		10 08	10 08	2 09	43 4	87 83	61019	"	
		10 00	10 00	3 34	43 8	86 66	61020	"	
	1 50	11 50	13 00	2 69	43 2	85 81	61021	"	
	0 50	12 72	13 22	2 46	44 2	84 82	61022	"	
		11 40	11 40	2 58	43 0	86 02	61023	"	
		11 45	11 45	3 55	44 0	85 00	61024	"	
		11 06	11 06	3 20	42 6	85 74	61025	"	
		13 90	13 90	1 95	43 5	84 15	61026	"	
"Anchor Brand Dairy.....		11 43	11 43	2 50	43 8	86 07	61027	"	
		9 50	9 50	0 80	44 3	25 4	89 70	61028	"
		9 87	9 87	2 67	43 6	87 46	61029	"	
		8 19	8 19	2 25	43 0	88 51	61030	"	
West Creamery.....		11 49	11 49	3 64	43 6	85 47	61031	"	
		8 65	9 50	2 97	43 8	88 43	61032	"	

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 TORONTO—

1913.							
Dec. 20	Butter.....	57540	F. S. Cleaverley, 84 St. Lawrence Mkt., Toronto.	2 lbs.	56		W. C. Latimer, Beaverton.
" 19	"	57572	L. Miller, 192 Parliament st., Toronto.	2 "	64		Spoffard, Almira
" 19	"	57573	L. Bell, 2244 Dundas st. west, Toronto.	2 "	65		Matthews Laing Ltd., Toronto.
" 19	"	57574	T. H. Whitely, 287 St. Johns Road west, Toronto.	2 "	70		Swift's Canadian Co., Ltd., Wset Toronto.
" 20	"	57575	R. Tomlin, St. Lawrence Mkt., Toronto.	2 "	50		W. Fairburn, Orangeville.
" 20	"	57576	H. Forsythe, 81 St. Lawrence Mkt., Toronto.	2 "	60		Gunn's, Ltd., Toronto.
" 22	"	57577	J. E. Harrison, 827 Lansdowne ave., Toronto.	2 "	60	Mrs. T. A. Harvey, Jack's Lake.	J. J. Fee, Toronto.
" 22	"	57578	Jas. Gourlay, 43 Wallace ave., Toronto.	2 "	68		Wm. Duckworth Toronto.
" 26	"	57579	J. H. Cardy, 675 Broadview ave., Toronto.	2 "	70	Wilmot Creamery Co., Baden, Ont.	Willard & Co., Ltd., Toronto.
" 26	"	57580	The Wm. Davies Co., Ltd., 749 Broadview ave., Toronto.	2 "	64		Wm. Davies Co., Ltd., Packing House, Toronto.
" 26	"	57581	J. Atkinson, 2706 Yonge st. north, Toronto.	2 "	66		R. Whiticker...
" 26	"	57583	J. B. Whaley, 2295 Yonge st. north, Toronto.	2 "	64	Mrs. W. Perry, Linton.	
" 30	"	57584	A. Hibben, 2444 Queen st. east, Toronto.	2 "	70		Gunn's, Ltd., Toronto.
" 30	"	57585	W. J. Snell, 2165 Queen st. east, Toronto.	2 "	70		MacLaren's Imperial Cheese Co., Ltd., Toronto.
" 31	"	57586	Brown Bros., 552 Queen st. west, Toronto.	2 "	70		Rutherford, Marshall & Co., Toronto.
" 31	"	57587	D. C. Murray, 1441 Yonge st., Toronto.	2 "	70	Mrs. Jas. McEwan, Lloydtown.	
" 31	"	57588	The Wm. Davies Co., Ltd., 1152 Yonge st., Toronto.	2 "	68		The Wm. Davies Co., Ltd., Packing House, Toronto.
1914.							
Jan. 2	"	57589	Puckel & Scillary, Oshawa.	2 "	62		Unknown....
" 2	"	57590	P. I. Armstrong, Oshawa.	2 "	60		McDowell & Morris, Oshawa.

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-refractometer at 40°C.	Reichert Meissl No.	Fat by Difference.		
	Separat- ed.	Incorp- orated.	Total.						

H. J. DAGGER, INSPECTOR.

	p. c.	p. c.	p. c.	p. c.		p. c.		
.....	0.25	9.34	9.59	2.09	43.7	88.57	57540	Genuine.
.....	0.75	11.12	11.87	5.54	42.6	83.34	57572	"
Favourite Creamery...	1.00	11.80	12.80	2.55	43.6	85.65	57573	"
Brookfield Extra Creamery.	.....	11.70	11.70	2.50	44.1	85.80	57574	"
.....	0.25	8.98	9.23	7.00	44.0	84.02	57575	"
.....	1.00	13.65	14.65	2.62	44.2	83.73	57576	"
Choice Separator Butter	2.60	9.35	11.95	4.46	44.0	86.19	57577	"
Gold Medal Creamery.	2.80	11.85	14.65	2.88	44.2	85.27	57578	"
Made from pure pasturized cream.	2.40	14.13	16.58	4.82	42.3	81.00	57579	Deficiency in fat. Pass.
Buttercup Creamery.	.....	12.92	12.92	1.49	44.6	85.59	57580	Genuine.
.....	0.50	11.65	12.15	2.22	40.6	86.13	57581	"
Choice Dairy.....	0.25	9.62	9.87	2.45	42.8	87.88	57583	"
Willowdale Creamery.	2.00	10.72	12.72	2.08	43.0	87.20	57584	"
Primrose Choice Creamery.	1.50	11.55	13.05	1.59	44.2	86.86	57585	"
Choice Pasturized Gold Medal Creamery.	.....	10.58	10.58	1.30	45.5	88.03	57586	"
Choice Dairy.....	0.50	11.45	11.95	5.00	43.6	83.55	57587	"
Woodside Creamery...	0.25	10.11	10.36	1.75	44.6	88.14	57588	"
.....	.....	8.38	8.38	4.25	40.6	87.37	57589	"
.....	0.50	15.35	15.85	3.10	43.6	81.55	57590	Slight deficiency of fat. Pass.

BULLETIN No. 281—

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 HAMILTON—								
1913.								
Dec. 2	Butter.....	59801	McDougal & Evans, Owen Sound.	2 lbs.	50		Farmer	
" 3	"	59802	D. J. Cunningham, Owen Sound.	3 "	56		Unknown	
" 3	"	59803	A. W. McFaul, Owen Sound.	2 "	58		Farmers.....	
" 4	"	59804	Shields & Co., Palmers- ton.	2 "	56		Joseph Kennedy	
" 5	"	59805	C. T. Hicks, Guelph...	2 "	68	Guelph Creamery Co., Guelph.	.....
" 5	"	59806	J. M. Dooley, Guelph	2 "	68	"	.....
" 9	"	59807	John Walker, Paris....	2 "	68	Princeton Creamery, Princeton.	.....
" 9	"	59808	J. M. Patterson, Paris	2 "	60	J. K. Nill, Falkland.	.....
" 10	"	59809	A. Caulbeck, 104 Mar- ket St., Brantford.	2 "	68	Brant Creamery, Brantford.	.....
" 10	"	59810	Geo. Cooper, 135 Mar- ket St., Brantford.	2 "	68		Swift Canadian Co., Ltd., To- ronto.	
" 10	"	59811	M. B. O'Loughlin, 131 Clarence St., Brant- ford.	2 "	62	Wm. Doddy, Brant- ford.	.....
" 16	"	59812	A. Culbert, 188 Locke St., Hamilton.	2 "	70		Fearnan, Hamil- ton.	
" 16	"	59813	John Slattery, 137 Locke St., Hamilton.	2 "	60		P. W. Armstrong, Selkirk.	
" 16	"	59814	R. J. Hewson, 312 Main St. West, Hamilton.	2 "	70	Hagersville Cream- ery, Hagersville.	.....
" 16	"	59815	W. A. Atkinson, 311 Barton St., Hamilton.	2 "	70	R. B. Moore, Galt...	.....
" 16	"	59816	Wm. Carrall, 595 Barton St. West, Hamilton.	2 "	60		Unknown	
" 16	"	59817	H. Stewart, 114 Sanford St., Hamilton.	2 "	70	Robert Snell, Nor- wich.	.....
" 16	"	59818	H. Taylor, 563 King St. East, Hamilton.	2 "	64		Unknown	
" 17	"	59819	E. H. Soules, 99 John St. South, Hamilton.	2 "	60		"	
" 17	"	59820	D. Sullivan, 175 Yonge St., Hamilton.	2 "	70		A. Pain, Hamil- ton.	

DISTRICT OF WINDSOR—

Dec. 12	Butter.....	53602	W. J. O. Neil, Clinton.	2 lbs.	54	Unknown
" 16	"	52608	Ginsberg Bros., London	2 "	66	Silverwoods, Ltd., London.
" 16	"	53612	G. C. Carley, Lambeth	2 "	68	"
" 16	"	53614	Earle & Sons, Lambeth	2 "	60	Geo. Jaives, Tempo, P. O.
" 9	"	54455	W. R. Butcher, St. Marys.	2 "	60	Winchelsea Crea- mery, (W. J. Meda)

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-thermometer at 40°C.	Reichert Me- issl No.	Fat by Differ- ence		
	Separat- ed.	Incorp- orated.	Total.						

H. J. DAGGER, ACTING INSPECTOR.

	p. c.	p. c.	p. c.	p. c.			p. c.		
.....	2 70	13 80	16 50	9 57	42 8	.....	77 63	59801	Butter fat low, due to ex- cess salt Adulterated. Genuine.
Said it was No. 1.	1 00	8 07	9 07	3 29	44 0	.....	88 64	59802	
Sold as No. 1.	0 50	9 72	10 22	1 69	43 3	.....	88 59	59803	"
.....	2 50	11 48	13 98	1 85	42 3	.....	86 67	59804	"
.....	1 00	13 23	14 23	3 72	42 6	.....	83 05	59805	"
Labelled Creamery Butter g.c.c.	0 70	10 74	11 44	3 24	42 9	.....	86 02	59806	"
Clover Brand Cream- ery.		8 58	8 58	4 64	43 4	.....	86 78	59807	"
.....		13 70	13 70	3 32	42 6	.....	82 98	59808	"
Brant Creamery, Reg. No. 1533. Guaranteed absolutely pure.		10 42	10 42	1 33	42 6	.....	88 25	59809	"
Brookfield Extra Creamery.		12 48	12 48	3 54	44 7	27 6	83 98	59810	"
.....		11 08	11 08	2 42	41 5	.....	86 50	59811	"
Meado Brook Cream- ery	0 50	12 46	12 66	2 29	43 6	.....	85 55	59812	"
.....		12 92	12 92	2 13	43 0	.....	84 95	59813	"
Clover Leaf Brand....	2 00	11 50	13 50	4 10	43 2	.....	84 40	59814	"
Maple Leaf Brand. Finest Creamery.	1 20	11 70	12 90	3 04	43 0	.....	85 26	59815	"
Finest Creamery, Walk- erton Creamery.		11 83	11 83	1 35	43 2	.....	86 82	59816	"
Norwich Gore Cream- ery.	1 00	10 23	11 23	2 32	43 4	.....	87 45	59817	"
.....	0 70	10 55	11 25	2 22	43 0	.....	87 23	56818	"
.....		8 74	8 74	5 34	45 0	27 0	85 92	59819	"
Choice Creamery, Jackson's Creamery.	1 50	11 95	13 45	2 93	44 2	.....	85 12	59820	"

JOHN TALBOT, INSPECTOR.

.....	1 00	10 57	11 57	2 21	43 0	.....	87 22	53602	Genuine..
.....		12 50	12 50	2 19	44 6	26 7	85 31	53608	"
.....		11 80	11 80	1 89	44 0	.....	86 31	53612	"
.....		10 66	10 66	2 92	42 2	.....	86 52	53614	"
Star Brand.	1 00	13 10	14 10	1 59	44 4	27 9	85 31	54455	"

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 WINDSOR—

1913.							
Dec.	9	Butter	54157	Geo. Smith, St. Mays.	2 lbs.	50	Unknown
"	9	"	54464	J. M. Adam, St. Mays	2 "	54	Mrs. Tunnie
"	10	"	54466	Oman & Mallion, Stratford.	2 "	56	Unknown
"	10	"	54470	Searth Grocery Co., Stratford.	2 "	56	"
"	10	"	54476	M. O'Brien, Stratford.	2 "	66	Dempsey & Holmes
"	11	"	54481	Chas. S. Andrews, Seaforth.	2 "	56	Unknown
"	11	"	54482	Sproat & Finnegan, Seaforth.	2 "	50	"
"	14	"	54487	Thos. Daly, Seaforth	3 "	56	A. A. Cuthill
"	11	"	54490	M. Williams, Seaforth	2 "	50	Mrs. J. Morrison
"	12	"	54495	Geo. McLennan & Co., Clinton.	2 "	52	Unknown
"	12	"	54497	J. P. Sheppard & Co., Clinton.	2 "	50	"

DISTRICT OF MANITOBA—

1914.							
Jan.	7	Butter	53240	D. Christie, Main St W., Winnipeg.	2 lbs.	75	Dom. Produce Co., Winnipeg.
"	7	"	53241	"	2 "	70	Lang Bros.
"	7	"	53242	B. Clay, 181 Bannerman Winnipeg.	2 "	76	Carson Hygienic Dairy Co., Winnipeg.
"	7	"	53243	Gibson Gage Co., Main St., W., Winnipeg.	2 "	66	"
"	7	"	53244	W. & D. Mayrs, Main St., W., Winnipeg.	2 "	76	Swift Canadian Co., Winnipeg.
"	7	"	53245	"	2 "	76	Carson Hygienic Dairy Co., Winnipeg.
"	8	"	53246	Bond & Co., St. James	2 "	76	Crescent Creamery Co., Winnipeg.
"	8	"	53247	"	2 "	70	"
"	8	"	53248	"	2 "	76	Matthews-Laing Ltd., Winnipeg.
"	8	"	53249	C. Killeen, St. James.	2 "	75	Gordon Ironsides Fares Co., Winnipeg.
"	8	"	53250	W. H. Tucker, Notre Dame St., St. James.	2 "	70	Crescent Creamery Co., Winnipeg.

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.	
	Water.			Ash.	Butyrometer at 10°C.	Reichert Me- isel No.			Fat by Differ- ence.
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p.c.	p.c.	p.c.	p.c.			p.c.		
	3.50	16.00	19.50	1.17	44.6	24.1	82.83	54457	Genuine.
		11.09	11.09	1.74	43.0	....	87.17	54464	"
	2.50	10.35	12.85	1.84	41.2	29.6	87.81	54466	"
	4.20	11.80	16.00	4.78	43.2	...	83.42	54470	"
		12.15	12.15	1.55	43.0	....	86.30	54476	"
		8.33	8.33	1.81	45.2	21.2	89.86	54481	"
	3.00	8.82	11.82	3.40	44.8	24.9	87.78	54482	"
	1.00	10.08	11.08	1.86	44.8	28.5	88.06	54487	"
	1.00	13.90	14.90	2.14	43.0	.....	83.96	54490	"
	2.00	9.73	11.73	1.74	43.7	.....	89.53	54495	"
	2.00	10.54	12.54	2.94	42.3	.....	86.52	54497	"

A. C. LARIVIÈRE, INSPECTOR.

Eastern Townships Devon Dale Creamery.	12.90	12.90	2.00	44.6	29.2	85.10	53240	Genuine.
Perfection Creamery	12.50	12.50	1.57	44.0	.....	85.93	53241	"
	11.82	11.82	2.70	43.6	.....	85.28	53242	"
Made expressly for Gibson Gage Co.	10.35	10.35	1.45	43.8	.....	88.20	53243	"
Brookfield Brand	9.65	9.65	1.14	43.5	.....	89.21	53244	"
	14.00	14.00	2.49	43.0	.....	83.51	53245	"
Crescent Brand	15.80	15.80	2.35	43.8	.....	81.95	53246	Slight deficiency in fat. Pass.
Aylesbury Brand	20.28	20.23	3.04	43.6	.....	76.68	53247	Excess of water and defi- ciency of fat. Adulter- ated.
Packed by furnishers. "Rose" Brand.	12.40	12.40	2.20	44.5	28.7	85.40	53248	Genuine.
"Cloverdale" Brand.	14.30	14.30	3.12	43.8	.....	82.58	53249	"
Aylesbury "Brand.	16.48	16.48	2.78	43.5	.....	80.84	53250	Excess of water and defi- ciency of fat. Adulter- ated.

BULLETIN No. 281—

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 MANITOBA—

1914.							
Jan.	8	Butter.....	53251 W. H. Tucker, Notre Dame West, St. James	2 lbs.	76		Gordon Ironside Fares Co., Winnipeg.
"	12	"	53252 Western Cash Grocery, Portage Ave., St. James.	2 "	70		Simpson Produce Co.
"	12	"	53253 " " "	2 "	72	Carson Hygienic Dairy Co., Winnipeg.	Mfrs.....
"	12	"	53254 " " "	2 "	68	" " "	"
"	12	"	53255 G. J. Caswell, Logan Ave., St. James.	2 "	80	Laurentia Milk Co. of Manitoba, Ltd, Neepawa, Man.	
"	12	"	53256 " " "	2 "	64		Gallagher Holman, Lafrance, Winnipeg.
"	13	"	53257 St. Boniface Creamery Co., St. Boniface, Man.	2 "	Nil	Mfrs.....	
"	13	"	53258 Berlin & Co., St. Boniface, Man.	2 "	80	Crescent Creamery Co., Winnipeg.	Mfrs.....
"	13	"	53259 " " "	2 "	60	Carson Hygienic Dairy Co., Winnipeg.	"

DISTRICT OF ALBERTA—

1913.							
Dec.	1	Butter.....	51813 Hallier & Aldridge, Edmonton.	2 lbs.	80	Edmonton Dairy Co., Edmonton.	
"	1	"	51814 I. H. Morris & Co., Edmonton.	2 "	75	Golden Meadow Creamery, Edmonton.	
"	2	"	51815 The Acme Co., Edmonton.	2 "	78	Swift Canadian, Edmonton.	
"	3	"	51816 Hudson Bay Co., Edmonton.	2 "	80	Edmonton City Dairy, Edmonton.	
"	4	"	51817 Montgomery & West, Wetaskiwin.	2 "	70	Mrs. H. T. Rix, Wetaskiwin.	
"	4	"	51818 Aboussafy & Murray, Wetaskiwin.	2 "	60	M. Badry, Wetaskiwin.	
"	5	"	51819 F. E. McLeod, Lacombe.	2 "	60	C. W. Gaitskell, Lacombe.	
"	11	"	51820 S. G. Freeze, Calgary.	2 "	80	Cheltenham Dairy Co., New Zealand.	
"	11	"	51821 Hudson Bay Co., Calgary.	2 lbs.	50		P. Burns & Co., Calgary.
"	12	"	51822 " " "	2 "	75	P. Burns & Co., Calgary.	
"	12	"	51823 Pryce-Jones (Canada) Ltd., Calgary.	2 "	80	" " "	
"	12	"	51824 " " "	2 "	80	Swift Canadian, Calgary.	

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-tem- perometer at 40°C.	Reichert Me- issal No.	Fat by Differ- ence		
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p. c.	p. c.	p. c.	p. c.		p. c.		
"Cloverdale" Brand.	12.70	12.70	1.91	43.4	.....	85.39	53251 Genuine.
"Brookside" "	11.51	11.51	1.64	43.8	.....	86.85	53252 "
"Carson's" "	13.61	13.61	3.26	43.6	.....	83.13	53253 "
"Globe Valley" Brand.	13.32	13.32	2.95	44.0	.....	83.73	53254 "
"Laurentia" "	13.86	13.86	3.38	43.6	.....	82.76	53255 "
Fresh made Dairy Butter.	9.95	9.95	0.66	43.0	.....	89.39	53256 "
.....	13.15	13.15	4.28	44.2	.....	82.57	53257 "
"Crescent" Brand.	15.85	15.85	2.00	43.4	.....	82.15	53258 Slight deficiency in fat. Pass.
.....	12.43	12.43	2.57	43.8	.....	85.00	53259 Genuine.

A. W. R. MARKLEY, INSPECTOR.

.....	.....	12.92	12.92	2.00	42.6	.....	85.08	51813 Genuine.
.....	0.75	12.02	12.77	3.06	43.2	.....	84.92	51814 "
.....	.....	12.62	12.62	1.84	43.5	.....	85.54	51815 "
.....	.....	12.07	12.07	2.10	42.8	.....	85.82	51816 "
.....	.....	11.14	11.14	1.84	44.0	.....	87.02	51817 "
.....	.....	9.82	9.82	2.00	43.8	.....	88.18	51818 "
.....	.....	8.60	8.60	2.30	43.9	.....	88.10	51819 "
.....	.....	14.60	14.60	1.02	43.7	.....	84.38	51820 "
.....	.....	16.94	16.94	1.59	42.8	.....	81.47	51821 Excess of water and defi- ciency of fat. Adulter- ated.*
.....	.....	13.05	13.05	2.44	44.2	.....	84.51	51822 Genuine.
.....	.....	12.45	12.45	1.59	43.0	.....	85.96	51823 "
.....	.....	13.95	13.95	2.38	43.3	.....	83.67	51824 "

* Said to have been sold as cooking butter, and not of first quality.

BULLETIN No. 281-

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 ALBERTA-							
1913.							
Dec. 12	Butter	51825	John Irwin & Co., Calgary.	2 lbs.	80	P. Pallesen, Calgary.	
" 12	"	51826	I. A. Nolan, Calgary.	2 "	80	"	"
" 13	"	51827	F. Burns & Co., Calgary	2 "	80	Mfrs.	
" 13	"	51828	"	2 "	80	"	
" 13	"	51829	"	2 "	70	"	
" 13	"	51830	"	2 "	70	"	
" 13	"	51831	"	2 "	70	"	
" 13	"	51832	Plunkett & Savage, Calgary.	2 "	65	Provincial Creamery, Calgary.	
DISTRICT OF ROCKY MOUNTAINS -							
Dec. 2	Butter	49997	R. G. Ritchie, Cascade, B.C.	2 lbs.	75	Swift Canadian Co., Edmonton.	
" 2	"	49998	"	2 "	80	"	W. H. Malkins, Vancouver.
" 2	"	49999	"	2 "	75	Alberta Prov. Govt. Creameries, Calgary	
" 4	"	50006	N. L. McInnes & Co., Grand Forks, B.C.	2 "	80	A. H. Campbell, Harwood, Ont.	
" 4	"	50007	"	2 "	90	"	A. Polade & Co., Vancouver.
" 4	"	50013	McKim & LeRoy, Grand Forks, B.C.	2 "	80	"	P. Burns & Co., Nelson, B.C.
" 15	"	50019	Trail Grocery Co., Trail, B.C.	2 "	80	A. H. Campbell, Harwood, Ont.	
" 15	"	50024	T. Lauriente & Sou, Trail, B.C.	2 "	90	Burlew Creamery Co. Burlew, Wash.	
" 15	"	50025	"	2 "	80	Harris Dairy Products Co., Camrose, Alta.	
" 17	"	50031	Agnew & Co., Rossland, B.C.	2 "	75	Swift Canadian Co., Edmonton.	
" 17	"	50043	T. P. Rogers, Rossland, B.C.	2 "	90	Hazelwood Co., Spokane.	
1914.							
Jan. 3	"	50044	P. Burns & Co., Nelson, B.C.	2 "	80	"	P. Burns & Co., Vancouver.
" 3	"	50045	"	2 "	80	"	"
" 3	"	50046	"	2 "	70	P. Burns & Co., Calgary.	
" 7	"	50056	R. B. Bell, Salmo, B.C.	2 "	90	"	P. Burns & Co., Nelson.
" 7	"	50057	"	2 "	80	The O. K. Creamery, Morningside, Alta.	

BUTTER.

Inspector's Report. (Not an expression of Opinion).	Results of Analysis.							Remarks and Opinion of the Chief Analyst.
	Separat- ed.	Water.	Total.	Ash.	Hydro-re- fractometer at 100° C.	Reichert Me- ter No.	Fat by Differ- ence.		No. of Sample.
<i>Concluded.</i>								
	p.c.	p.c.	p.c.	p.c.			p.c.	
	12.78	12.78	3.30	43.5			83.92	51825 Genuine.
	12.85	12.85	2.48	44.2			84.67	51826 "
	11.21	11.21	3.48	43.8			85.31	51827 "
	11.94	11.94	4.00	45.0	28.3		84.06	51828 "
	11.70	11.70	1.09	43.8			87.21	51829 "
	14.90	14.90	1.66	43.7			83.44	51830 "
	9.9	9.95	2.82	43.5			87.23	51831 "
	13.50	13.50	2.61	43.6			83.89	51832 "

THOS. PARKER, INSPECTOR.

Brookfield	12.32	12.32	2.50	43.6			85.18	49997	Genuine.
New Zealand	13.92	13.92	1.62	44.1			84.46	49998	"
	11.39	11.39	2.11	43.5			86.50	49999	"
	12.33	12.38	2.81	44.6	30.2		84.81	50006	"
New Zealand	15.40	15.40	2.54	43.6			82.06	50007	Slight deficiency of fat. Pass.
Empress	13.48	13.48	2.90	44.2			83.62	50013	Genuine.
	0.20	10.90	11.10	2.42	44.7	29.6	86.68	50019	"
	13.05	13.05	0.92	42.4			86.03	50024	"
Golden Meadow	10.97	10.97	1.86	43.4			87.17	50025	"
Sweet Clover	10.59	10.59	1.87	43.2			87.54	50031	"
Hazelwood	14.00	14.00	1.56	43.8			84.44	50043	Genuine.
Fancy New Zealand	15.20	15.20	1.95	42.8			82.85	50044	"
Southern Cross, New Zealand	14.65	14.65	1.85	43.2			83.50	50046	"
Alberta Dairy	15.42	15.42	2.52	43.5			82.06	50046	Slight deficiency in fat. Pass.
Fancy, N.Z.	13.00	13.00	2.15	43.4			84.85	50056	Genuine.
	0.50	11.65	12.15	1.34	43.2		87.01	50057	"

BULLETIN No. 281—

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 ROCKY MOUNTAINS—

1914.							
Jan.	23	Butter	50065	S. A. Speers, Creston, B.C.	2 lbs.	80	A. P. Slade & Co., Vancouver.
"	23	"	50068	Creston Mercantile Co., Creston, B.C.	2 "	80	"
"	23	"	50069	" " "	2 "	70	A. N. Cooling, Creston, B.C.
"	23	"	50070	" " "	2 "	70	Jas. Haseroft, Creston, B.C.

DISTRICT OF VICTORIA—

1913.							
Dec.	9	Butter	57697	Windsor Grocery Co., 817 Government St., Victoria, B.C.	2 lbs.	75	S. Leiser & Co., Ltd., Victoria, B.C.
"	9	"	57698	" " "	2 "	110	Cowichan Creamery Assn., Duncan, B.C.
"	9	"	57705	Copas & Young, 633 Fort St., Victoria, B.C.	2 "	70	P. Stewart, Victoria, B.C.
"	9	"	57706	" " "	2 "	90	Norwestern Creamery, Victoria, B.C.
"	11	"	57714	The West End Grocery Co., Ltd., 1002 Govt. St., Victoria, B.C.	2 "	90	John Vaio and Sons, Victoria, B.C.
"	11	"	57715	" " "	2 "	100	Salt Spring Island Creamery, Ganges, B.C.
"	11	"	57716	" " "	2 "	80	T. Simmonds, Lost Lake, Victoria, B.C.
"	11	"	57721	Acton Bros., 1317 Douglas St., Victoria, B.C.	2 "	70	P. Burns & Co., Ltd., Victoria, B.C.
"	11	"	57722	" " "	2 "	75	Swift Canadian Co., Ltd., Victoria, B.C.
"	12	"	57729	Dixie H. Ross & Co., 1316 Broad St., Victoria, B.C.	2 "	90	The Comox Creamery Assn., Ltd., Courtenay, B.C.
"	12	"	57730	" " "	2 "	70	B. Wilson & Co., Ltd., Victoria, B.C.
"	12	"	57737	James Adam, 1023 Cook St., Victoria, B.C.	2 "	70	F. R. Stewart, Victoria, B.C.
"	16	"	57744	H.O. Kirkham, 714 Fort St., Victoria, B.C.	2 "	80	B. Wilson & Co., Ltd., Victoria, B.C.
"	16	"	57745	" " "	2 "	70	A. P. Slade & Co., Victoria, B.C.
"	17	"	57752	Henry W. Driver, 856 Yates St., Victoria, B.C.	2 "	70	P. Burns & Co., Ltd., Victoria, B.C.
"	18	"	57756	Erskine & Co., 861 Johnston St., Victoria, B.C.	2 "	70	A. P. Slade & Co., Victoria, B.C.
"	18	"	57757	Fenerty Bros., Oak Bay Junction, Victoria, B.C.	2 "	70	"

BUTTER.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.							No. of Sample	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-teri- ometer at 40°C.	Reichert Me- tal No.	I at by Differ- ence		
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p.c.	p.c.	p.c.	p.c.		p.c.		
Thames Valley, N.Z.	13.40	13.40	0.86	43.2	85.74	50065	Genuine.	
Pakeha, N.Z.	14.62	14.63	3.24	42.8	82.14	50068	Slight deficiency in fat. Pass.	
	14.65	14.65	1.14	42.8	84.21	50069	Genuine.	
	10.40	10.40	0.79	42.8	88.81	50070	"	

D. O'SULLIVAN, INSPECTOR.

New Zealand Creamery.	14.60	14.60	0.97	43.2	84.43	57697	Genuine.	
Cowichan Creamery.	11.65	11.65	1.24	43.0	87.11	57698	"	
Independent Creamery	13.65	13.65	1.95	43.8	84.40	57705	"	
Northwestern Creamery.	11.56	11.56	1.66	42.5	86.78	57706	"	
White Clover Creamery.	9.85	9.85	2.03	43.8	88.12	57714	"	
Salt Spring Island Creamery.	10.92	10.92	2.07	42.6	87.01	57715	"	
Ranch Butter.	5.00	9.35	14.35	1.15	43.0	89.50	51716	"
Linden Grove.	12.73	12.73	1.49	44.5	27.5	85.78	57721	"
Fancy New Zealand Creamery.	13.90	13.90	1.26	43.5	94.84	57722	"	
	9.46	9.46	1.80	43.8	88.74	57729	"	
Auburn Creamery	12.75	12.75	1.53	42.7	85.72	57730	"	
Eastern Townships.	15.90	15.90	1.68	45.4	28.8	82.42	57737	"
B.C. Brand Special Creamery.	14.20	14.20	0.10	43.4	85.70	57744	"	
Finest Quality, Clover Valley Creamery.	15.05	15.05	3.32	43.2	81.63	57745	Slight deficiency of fat. Pass.	
Eureka Brand Creamery.	1.00	11.80	12.80	3.34	44.2	84.82	57752	Genuine.
Pure Best Victoria Creamery.	14.50	14.50	3.28	43.6	82.22	57756	"	
Mayflower Creamery.	14.08	14.08	3.14	44.2	82.78	58759	"	

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 VICTORIA—							
1913.							
Dec. 31	Butter	57767	P. Burns & Co., Ltd., 902 Government St., Victoria, B.C.	2 lbs.	70	P. Burns & Co., Ltd., Vancouver, B.C.	
" 31	"	57768	"	2 "	75		P. Burns & Co., Ltd., Vancou- ver, B.C.
" 31	"	57769	L. C. Adams Co., Ltd., Douglas and Johnston Sts., Victoria, B.C.	2 "	60		S. Leiser & Co., Ltd., Victoria, B.C.

BUTTER.

Inspector's Report. (If not an expression of Opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.			Ash.	Butyro-refractometer at 40°C.	Reichert Me- tast No.	Fat by Differ- ence.		
	Separat- ed.	Incorpo- rated.	Total.						

Concluded.

	p. c.	p. c.	p. c.	p. c.		p. c.		
Burns Carnation Creamery.	.....	12.45	12.45	2.00	44.2	.....	85.55	57767 Genuine.
New Zealand Cream- ery.	.....	14.40	14.40	1.73	43.0	.....	83.87	56768 ..
Choice Fresh Dairy. ...	0.50	9.20	9.70	1.97	43.0	.....	88.83	57769 ..

APPENDIX
BULLETIN No. 281—BUTTER (SPECIAL COLLECTION.)

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.	Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.			No. of Sample.
				Quantity.	Cents.			Water.	Butyro-tria- chrometer at 40°c	Reichert Me- stal No.	
1913.											
Mar. 11	Butter.....	37001	Ulric Vachon, St. Grégoire, 1 lb. Montmorency.	30		Unknown.	J. B. Reneaud & Cie.	11.2	44.0	29.7	37001
" 12	"	37002	U. M. Cote, 23 Chemin St. Fois.	34		Stanislas Gagnon, Isle Orleans.	Manufacturer	11.0	44.0	29.0	37002
" 12	"	37003	E. Tessier, 121 Rue Scot, Quebec.	32		Unknown.	Emord & Cote.	8.6	44.0	.....	37003
" 12	"	37004	Mulcaire Bros., 21 Rue St. Michel, Quebec.	34		"	J. B. Reneaud & Cie.	11.8	43.0	.....	37004
" 12	"	37005	Charles Martel, 49 Rue Artillery, Quebec.	27		"	Harris Abattoir, Quebec.	11.5	43.0	.....	37005
" 12	"	37006	O. Lanontagne, 372 Rue St. Jean, Quebec.	24		"	Don. Fish & Fruit, Quebec.	11.0	44.0	.....	37006
" 12	"	37007	Jule Rochet, 7 Rue Delirug, Quebec.	35		"	Emord & Cote.	9.2	43.5	.....	37007
" 13	"	37008	G. Donaldson, 243 Rue Valier, Quebec.	28		"	Harris Abattoir, Quebec.	12.6	41.0	.....	37008
" 13	"	37009	A. Pichette, 176 Rue Cheater, Quebec.	33		"	J. B. Reneaud & Cie.	7.0	42.5	.....	37009
" 13	"	37010	Cantin, Fere, 271 Rue Joseph, Quebec.	34		"	Eugene Fortin, St. Jean Port Joli.	9.0	42.0	.....	37010
" 13	"	37011	La Cie Paquet, Ltd., Verret & Lepine, 58 Rue de la Couronne, Quebec.	27		"	Emord & Cote.	10.0	43.0	.....	37011
" 13	"	37012	Jos. Gagnon, 155 Rue de la Couronne, Quebec.	28		"	"	11.6	43.0	.....	37012
" 14	"	37013	Quebec Preserving Co., Rue Smitli, Quebec.	34		"	J. B. Reneaud & Cie.	8.9	44.0	30.8	37013
" 14	"	37014	Emord & Cote.	28		"	Emord & Cote.	13.0	43.5	.....	37014

DISTRICT OF QUEBEC—F. X. W. E. BELAND.

14	37015	Elzevir, Placette, 71 Rue 1 ^o	29	J. B. Renaud & Cie	10 0	43 5	37015
"	37016	Dessais, Quebec, 463 Rue St. L	33	E. Pepin, St. Basile, Manufactur.	11 0	42 5	37016
"	37017	Cash Market, 463 Rue St. L	35	"	8 9	43 0	37017
"	37018	Joseph, Quebec, 19 Rue St. L	35	Unknown	9 8	44 0	37018
"	37019	L. F. Martel, 64 Rue du Pont, Quebec.	32	Hardy & Frere, St. Basile, Manufactur.	8 5	44 0	37019
"	37020	O. Gauvin, 149 Rue St. L	30	Antoine Genvis, St. Basile, Manufactur.	8 6	44 0	37020
"	37021	J. B. Renaud & Cie, Quebec.	30	Raymont, St. Basile, Manufactur.	10 0	44 0	37021
"	37022	L. Mercier, 113 Rue St. L	30	Hardy & Frere, St. Basile, Manufactur.	7 0	43 5	37022
April 10	37035	Emond & Cote, 33 Marche Fenlay, Quebec.	21	Kanouraska Dairy	9 7	42 0	37035
"	37198	Fisher of Doni, Fruit & Fish Co., Quebec.	35	Unknown	9 0	43 0	37198
"	37199	A. Dore, Silley, Quebec.	30	"	8 7	42 0	37199
"	37200	A. Parent, Beauport Montmorency.	28	J. B. Renaud & Cie	7 5	42 0	37200
"		Narcisse Fortrier, Sault.		N. Rioux & Cie			

* Sat 1 84.

