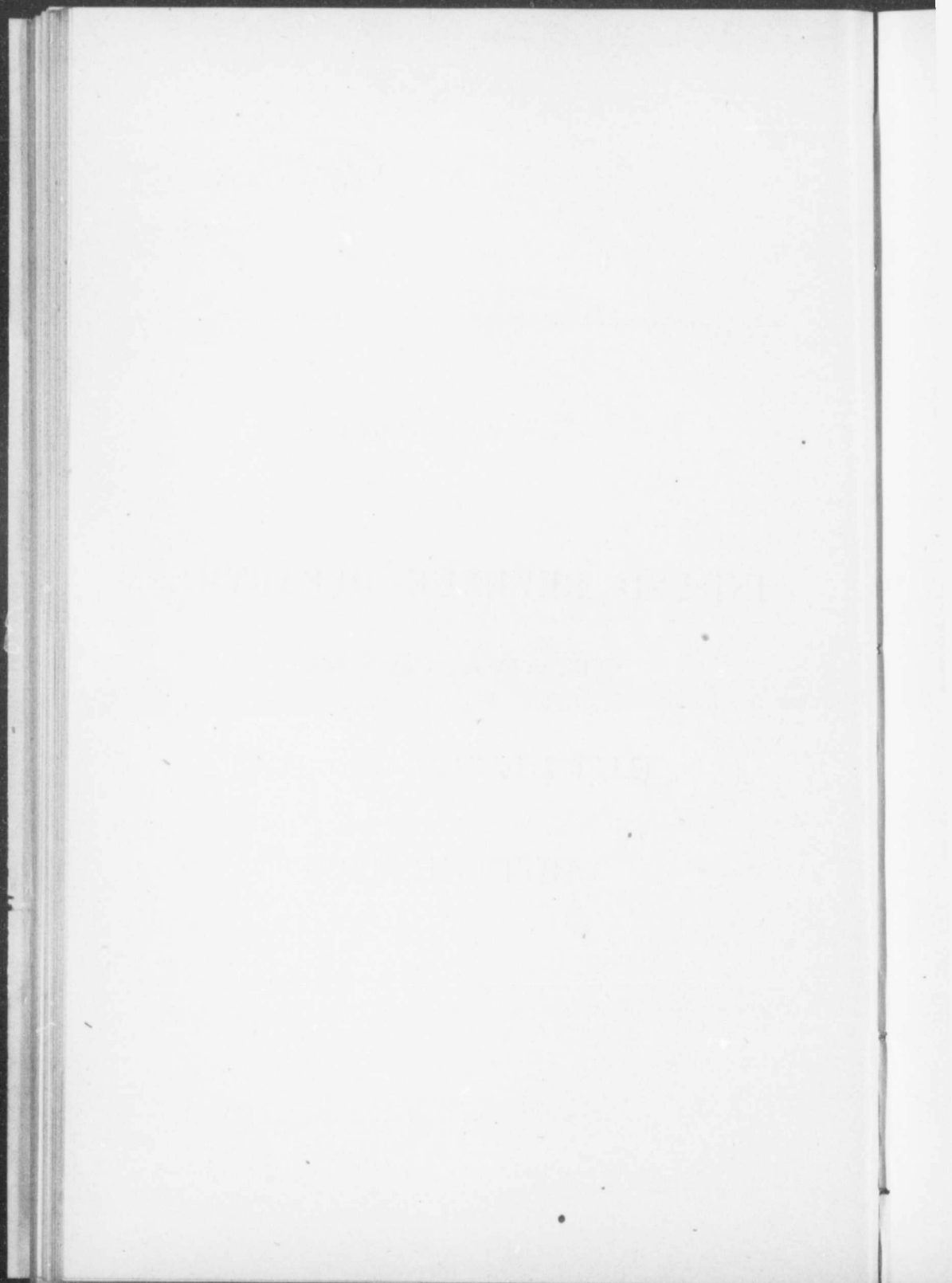


O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA
BULLETIN No. 131
BUTTER, 1906



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OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN NO. 131

BUTTER, 1906

OTTAWA, January 31, 1907.

W. J. GERALD, Esq.,
Deputy Minister of Inland Revenue.

SIR,—In October of last year certain samples of butter were transmitted to you by Mr. J. A. Ruddick, Dairy Commissioner, as having been obtained in the city of Quebec and suspected to be spurious. On examination they proved to be largely adulterated with foreign fat and thereupon the collection of a larger number of samples was authorized by you. These were obtained in the month of November and are described, with the results of their examination, in the tabulated statement attached to this report. The following is a summary of the results obtained :—

Inspection District.	Genuine.	Doubtful.	Adulterated.	Total.
Nova Scotia.....	6	0	0	6
Prince Edward Island.....	2	0	1	3
New Brunswick.....	6	0	0	6
Quebec.....	15	0	1	16
St. Hyacinthe.....	7	0	1	8
Montreal.....	6	2	4	12
Ottawa.....	7	1	0	8
Kingston.....	8	0	0	8
Toronto.....	10	0	0	10
London.....	8	0	0	8
Manitoba.....	7	1	0	8
British Columbia.....	8	0	0	8
	90	4	7	101

In the foregoing I have classed a sample containing over 16 per cent water and one with less than 80 per cent butter fat as doubtful although pronounced genuine by the district analyst. The adulterated samples comprise five which contain excessive quantities of water and two which consist very largely of foreign fat. From the latter fact it would appear that oleomargarine in small quantities is either being imported into Canada or is being manufactured here. In order that the public and the trade may be warned of this I beg to recommend the publication of this report.

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

THOMAS MACFARLANE,
Chief Analyst.

DESCRIPTION of 101 Samples of Butter

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.
				Quantity.	Value.	
1906.			<i>District of Nova Scotia— R. J. Waugh, Inspector.</i>		Cts.	
Nov. 6	Butter.....	27208	Hutchinson & Power, Halifax, N.S.	1½ lbs.	33	Not known.....
" 6	"	27209	Smith & Proctor, Hal- ifax, N.S.	1¼ "	28	"
" 6	"	27210	P. T. Shea, Halifax, N.S.	1¼ "	35	R. Starratt, Bass River, N.S.
" 6	"	27211	O'Neil & Mulcahey, 22 Barrington St., Hal- ifax, N.S.	1¼ "	37	Acadia Dairy Co., Wolf- ville, N.S.
" 8	"	27216	Shand Bros., Windsor, N.S.	1¼ "	31	John Baker, Windsor, N.S.
" 8	"	27217	Murphy & DeMont, Windsor, N.S.	1¼ "	32	Not known.....
			<i>District of Prince Edward Island—T. Moore, In- spector.</i>			
Nov. 5	Butter.....	28328	R. T. Holman, Summer- side.	1½ lbs.	35	Kenford Wait, Wilmot, P.E.I.
" 6	"	28332	A. Gates & Co., Char- lottetown.	1½ "	42	Dunstaffnage Dairy Co., Dunstaffnage, P.E.I.
" 6	"	28333	Stewart & Son, Char- lottetown.	1½ "	35	M. McEachern, Lot 48, P.E.I.
			<i>District of New Brun- swick—J. C. Ferguson, Inspector.</i>			
Nov. 5	Butter, Creamery...	24278	W. H. Bell, 92 King St., St. John, N.B.	1½ lbs.	48	Vendor.....
" 6	" Dairy.....	24279	P. Nase & Son, Ltd., 2-14 Main St., St. John, N.B., north end.	1½ "	45	W. T. Coburn, Harvey Sta- tion, York Co., N.B.
" 6	" Creamery...	24280	Maritime Dairy Co., Ltd., 159 Main St., St. John, N.B., north end.	1½ "	40	Sussex Creamery, Sussex, Kings Co., N.B.
" 7	" "	24281	Sussex Milk and Cream Co., Ltd., 158 Pond St., St. John, N.B.	1½ "	42	Vendors.....
" 7	" Dairy.....	24282	Megarity & Kelly, Marsh Bridge, St. John, N.B.	1½ "	42	Slocum & Ferris, City Mar- ket, St. John, N.B.

Examined by the District Analysts.

Inspector's Report.	RESULTS OF ANALYSIS BY DISTRICT ANALYST.						READINGS OF BUTY- RO : REFRACTO- METER AT 25° C. BY A. MCGILL.		DISTRICT ANALYSTS.	
	Moisture.	Fat.	Salt.	Curd.	Reichert Meissl No.	Specific gra- vity of fat at 100° compar- ed with water at 100° C.	Reading.	Opinion.	Remarks.	Name.
	p. c.	p. c.	p. c.	p. c.		p. c.	°			
Said to be manufac- tured in Manito- ba. Wholesaler.	13·20	81·28	2·99	2·52	27·19	.....	52·2	Genuine..	Genuine..	M. Bowman.
Said to be Ontario butter. Sold as cooking butter ; wholesale.	7·75	85·56	2·93	1·74	26·58	.....	52·2	" ..	" ..	"
Sold as creamery butter ; put up in 2 lb. blocks ; wholesale and re- tail.	12·64	80·03	5·29	2·03	27·26	.....	51·0	" ..	" ..	"
Sample sold as creamery butter ; retail dealer.	13·43	81·76	2·61	2·19	26·52	.....	51·0	" ..	" ..	"
Sold as dairy but- ter.	11·85	82·51	4·42	1·21	25·16	.....	51·1	" ..	" ..	"
Purchased by ven- dors from H. D. Woodworth, Kingston, N.S..	11·65	81·55	5·81	0·99	27·59	.....	50·9	" ..	" ..	"
Dairy butter in pints and sold to vendor as pure butter.	11·87	84·47	2·18	1·47	27·34	.....	51·0	Genuine..	Genuine..	M. Bowman.
This sample of but- ter is made and put up by the Dunstaffnage Creamery Co.	11·78	83·39	4·19	0·63	26·57	.....	51·2	" ..	" ..	"
Dairy tub butter ; bought from Mc- Eachern and re- tailed by Stewart & Son.	13·54	78·46	5·97	2·02	30·50	.....	51·5	" ..	Adulter'd ; contain'g less than 80 per ct of butter fat.	"
From 2 lb. bar. Half lb. creases.	11·65	82·89	3·79	1·66	25·40	.....	51·1	Genuine..	Genuine..	M. Bowman.
From 1 lb. bars....	12·24	81·92	3·87	1·95	27·84	.....	52·2	" ..	" ..	"
From 2 lb. bar ...	11·24	82·95	3·83	1·97	24·40	.....	52·2	" ..	" ..	"
From 2 lb. bar....	8·27	86·72	2·93	2·07	25·52	.....	53·0	" ..	" ..	"
Dairy butter ; from 32 lb. tub on re- tail in store ; said to be New Bruns- wick product.	8·21	81·08	8·92	1·78	26·47	.....	52·0	" ..	" ..	"

DESCRIPTION of 101 Samples of Butter

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.
				Quantity.	Value.	
1906.			<i>District of New Brunswick—Con.</i>		Cts.	
Nov. 7	Butter, Dairy.....	24283	J. D. McAvity, 39 Brussels St., St. John, N.B.	1½ lbs.	42	Orland S. Dykeman, 1-5 Camden St., St. John, N.B., north end.
			<i>District of Quebec—E. Beland, Inspector.</i>			
Nov. 19	Butter.....	26064	J. B. Renaud et Cie, 126 St. Paul.	1 lb.	25	Dairy St. Raymond. Port-neuf.
" 19	"	26065	" " " "	1 "	23	Alphonse Nicol, St. Simon..
" 19	"	26066	" " " "	1 "	23	Louis Belanger, St. Jean, Port Joli.
" 20	"	26067	" " " "	1 "	19	Emond & Côte, Quebec.....
" 7	"	26028	Chas. Maranda, Finlay Market, Que.	1 "	20	Unknown.....
" 7	"	26029	Edmond Sylvain, Finlay Market, Que.	1 "	22	"
" 7	"	26030	David Lacombe, Hall St. Pierre, Que.	1 11 "	24	Emond & Côte, Quebec.....
" 7	"	26031	Arthur Lemieux, Hall St. Pierre, Que.	1 11 "	22	Unknown.....
" 7	"	26032	Edouard Gigeare, Hall St. Pierre, Que.	1 "	24	Emond & Côte, Quebec.....
" 8	"	26033	R. rüthman & Son, Montcalm Market, Que.	1 "	25	" "
" 8	"	26034	Thos. Martin, Montcalm Market, Que.	1 "	25	J. B. Renaud & Cie.....
" 8	"	26035	François Boutet, Montcalm Market, Que.	1 "	26	St. Amselme Beurrerie, Que.
" 8	"	26036	Boutet & Lavoie, Berthelot Market, Que.	1 "	24	Emond & Côte, Quebec.....
" 8	"	26037	F. X. Blouin, Berthelot Market, Que.	1 "	24	Rioux & Cie., Quebec.....
" 8	"	26038	" " " "	1 "	25	J. B. Renaud & Cie.....
" 9	"	26039	Jean Drolet, Hall Champlain.	1 "	25	Kelly, St. Agathe.....
			<i>District of St. Hyacinthe—J. C. Ronleau, Inspector.</i>			
Nov. 7	Butter, Pastry . . .	567	Gervais & Dionne, St. Jean, Que.	1½ lbs.	38	J. Langlois & Cie., Montreal
" 8	" "	568	G. A. Fruax, Farnham, Que.	2 "	40	J. Lefebvre, Bury, Que.....
" 9	" Cooking.....	569	Couture & Moore, Sherbrooke, Que.	30 oz.	45	Jos. Demers, Shetford... .
" 13	" "	570	A. Magnan, Sorel, Que..	1½ lbs.	33	W. Champagne, 191-195 Rue St. Paul, Montreal.

Examined by the District Analysts—Continued.

Inspector's Report.	RESULTS OF ANALYSIS BY DISTRICT ANALYST.						READINGS OF BUTY- RO I REFRACTO- METER AT 25° C. BY A. MCGILL.		DISTRICT ANALYSTS.	
	Moisture.	Fat.	Salt.	Curd.	Reichert Messl No.	Specific gra- vity of fat at 100° compar- ed with water at 100° C.	Reading.	Opinion.	Remarks.	Name.
	p.c.	p.c.	p.c.	p.c.		p.c.	°			
From 30 lb. box on retail in store; furnisher to Mr. McAvity, Or- land S. Dyke- man; said to be Carleton Co., N.B., butter.	10·27	82·03	5·88	1·81	25·26	·	52·9	Genuine..	Genuine..	M. Bowman.
Taken from 50 lbs.	12·60	82·61	2·81	1·79	28·8	0·8994	51·9	Genuine .	Genuine..	Dr. J. T. Don- ald.
" 50 "	9·89	83·39	4·19	0·75	33·0	0·8956	52·2	" ..	" ..	"
" 50 "	14·59	76·48	5·58	1·72	31·6	0·9024	50·4	" ..	" ..	"
" 35 "	11·04	83·42	2·05	1·32	3·0	0·8948	57·5	Adul- ter- ed.	Adulter'd; contain'g little if any but- ter fat.	"
" 45 "	10·72	80·65	5·71	1·56	29·1	0·9026	52·5	Genuine..	Genuine..	"
" 22 "	7·53	86·78	2·59	1·72	33·3	0·9039	52·6	" ..	" ..	"
" 45 "	6·76	88·30	1·62	2·46	2·90	0·9063	52·5	" ..	" ..	"
" 40 "	13·79	80·33	2·32	2·25	35·2	0·9049	51·6	" ..	" ..	"
" 45 "	12·27	83·92	1·09	1·34	31·5	0·9025	51·0	Gen.; s'ple very mouldy.	" ..	"
" 40 "	12·79	81·99	2·22	1·57	32·0	0·9041	51·6	Genuine.	" ..	"
" 45 "	10·01	84·80	3·08	1·02	29·3	0·9041	50·8	" ..	" ..	"
" 40 "	11·24	84·10	2·28	1·59	27·8	0·9032	52·0	" ..	" ..	"
" 40 "	13·81	77·09	5·56	1·00	32·0	0·9050	50·9	" ..	" ..	"
" 45 "	14·44	79·13	1·70	2·86	24·0	0·9023	51·3	" ..	" ..	"
" 50 "	7·32	85·11	5·31	0·96	29·4	0·9043	51·2	" ..	" ..	"
" 50 "	11·39	76·80	8·64	1·32	27·0	0·9165	53·0	" ..	" ..	"
Box marked 2093 with blue pencil.	10·97	81·69	3·21	2·51	31·6	0·9020	50·2	Genuine .	Genuine..	Dr. J. T. Don ald.
No special mark on the box.	13·01	80·80	2·96	2·23	32·6	0·9063	52·5	" ..	" ..	"
Taken out of a 25 lb. box.	9·59	83·89	3·61	1·70	27·2	0·9004	51·3	" ..	" ..	"
Taken out of a tub of about 70 lbs.	9·92	82·96	4·29	2·19	2·1	0·9003	57·8	Adultera- ted.	Adultera- ted, con- tain- ing little if any but- ter fat.	"

DESCRIPTION of 101 Samples of Butter

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.
				Quantity.	Value.	
1906.			<i>District of St. Hyacinthe—Con.</i>		Cts.	
Nov. 17	Butter, Cooking.....	572	Thos. Hébert, St. Hyacinthe.	1½ lbs.	33	A. Jeannotte, St. Hyacinthe.
" 17	" Table.....	573	E. Benoit, St. Hyacinthe	1 "	25	Beauregard & Cie., Lapresentation.
" 17	" ".....	574	U. Jeanotte "	1 "	26	N. Lajeunesse, St. François.
" 17	".....	592	Ed. Vieux, St. André, St. Thomas d'Aquint.	2 "	25	Vendor.....
			<i>District of Montreal—J. J. Costigan, Inspector.</i>			
Nov. 12	" Creamery....	31901	C. Spector & Co., 18 Ontario E., Montreal.	1½ lbs.	41	Gunn, Langlois & Co.....
" 13	".....	31602	A. E. Savageau, 667 St. Catherine E., Montreal	1½ "	34	Manitoba Dairy.....
" 13	" Creamery.....	31603	" ".....	1½ "	39	Fortier & Monnette.....
" 13	".....	31604	A. Rivet, 456 St. Catherine E., Montreal.	1½ "	42	Z. Limoges, Montreal.....
" 16	".....	31605	J. A. Marceau, Bonsecour Market, Montreal.	2 "	50	M. Desjardins, Montreal....
" 16	" Dairy.....	31606	B. Lavoie, Bonsecour Market, Montreal.	1½ "	35	Weston, Ont.....
" 16	" Creamery.....	31607	D. Desautels, St. James Market, Montreal.	1½ "	41	Z. Limoges, Montreal.....
" 16	" Cooking.....	31608	" ".....	1½ "	30	Not known.....
" 26	".....	31609	M. Lavut, 113 St. Maurice, Montreal.	1½ "	42	Standard Dairy Co., Montreal
" 26	".....	31610	Davies, Limited, retail branch, Chaboliz Sq., Montreal.	1½ "	30	Not known.....
" 26	".....	31611	M. Desjardins et fils, 206 De Montigny East, Montreal.	2 "	46	M. Desjardins, St. Martin St.
" 26	".....	31612	" ".....	1½ "	38	Not known.....
			<i>District of Ottawa—A. E. Sanderson, Inspector.</i>			
Nov. 13	Butter.....	29381	G. Stewart, 237 Bank St., Ottawa.	1½ lbs.	45	Rising Sun Creamery.....
" 13	".....	29385	P. D. Herbert, 228 Bank St., Ottawa.	1½ "	50	McCullough, Quebec.....
" 14	".....	29389	Geo. Thomas, 63 George St., Ottawa.	1½ "	42	Mrs. Cassidy, Farleton.....
" 14	".....	29390	" ".....	1½ "	37	" ".....
" 15	".....	29395	A. Boivin, 80 Queen St. W., Ottawa.	1½ "	40	Ottawa Cold Storage.....

Examined by the District Analysts—Continued.

Inspector's Report.	RESULTS OF ANALYSIS BY DISTRICT ANALYST.						READINGS OF BUTY- RO: REFRACTO- METER AT 25° C. BY A. MCGILL.		DISTRICT ANALYSTS.	
	Moisture.	Fat.	Salt.	Curd.	Reichert Meissl No.	Specific gra- vity of fat at 100 compar- ed with water at 100° C.	Reading.	Opinion.	Remarks.	Name.
	p. c.	p. c.	p. c.	p. c.		p. c.				
Taken out of a tub of about 30 lbs.	9.90	83.83	2.66	2.09	32.1	0.9016	50.0	Genuine.	Genuine.	Dr. J. T. Don- ald.
.....	14.83	76.15	6.66	0.99	28.2	0.9027	51.2	" ..	" ..	"
From about a 20 lb. piece.	13.65	82.61	0.94	1.56	23.8	0.9057	51.2	" ..	" ..	"
Sold in ½ lb. cakes.	12.00	80.27	4.19	1.94	32.8	0.8994	51.5	" ..	" ..	"
Retail price, 27 cts. per lb.	15.15	78.84	3.57	1.41	28.6	0.8998	52.0	Genuine.	Genuine.	Dr. J. T. Don- ald.
Retail price, 24 cts. per lb.	11.27	82.25	1.92	2.73	32.2	0.8995	51.5	" ..	" ..	"
Retail price, 26 cts. per lb.	14.20	79.50	3.04	2.06	31.4	0.9007	51.0	" ..	" ..	"
Retail price, 24 cts. per lb.	10.39	84.38	1.69	1.90	27.5	0.9009	52.4	" ..	" ..	"
Sold as fresh cream- ery; put up in 1 lb. rolls; retailed at 25 cts. per roll.	29.75	68.02	0.17	1.21	24.3	0.8987	51.4	" ..	Adultera- ted with water.	"
Sold as dairy but- ter; retail price, 24 cts. per lb.	11.64	77.99	6.54	2.26	27.3	0.9010	52.0	" ..	Genuine.	"
Sold as creamery at 27 cts. per lb.	16.44	79.39	0.96	2.09	33.8	0.8915	52.4	" ..	Genuine but rather high in water.	"
Sold as cooking but- ter at 20 cts. per pound.	9.12	84.50	3.64	1.51	28.0	0.8991	50.9	" ..	Genuine.	"
Retailed at 23 cts. per lb. in 2 lb. blocks.	30.15	67.53	0.32	1.39	28.8	0.8994	51.9	" ..	Adultera- ted with water.	"
Sold as dairy	11.81	72.80	12.11	1.70	31.8	0.9034	50.5	" ..	Genuine but too much salt.	"
Retail price, 23 cts. per lb. in 2 lb. rolls; dairy.	23.47	71.55	2.94	1.19	29.6	0.9073	50.6	" ..	Adultera- ted with water.	"
Retail price, 25 cts. per lb. Sold as creamery; put up in 1 lb. blocks.	22.94	72.65	2.74	1.06	27.9	0.9079	52.0	" ..	" ..	"
Creamery butter .	13.81	83.26	1.70	1.23	24.5	.....	51.8	Genuine.	Genuine.	Dr. F. X. Val- ade.
.....	13.27	82.36	2.88	1.49	23.9	.....	52.0	" ..	" ..	"
Farmer's butter...	11.97	82.39	3.93	1.71	25.0	.....	53.8	Probably genuine.	" ..	"
" ..	14.57	78.78	4.55	2.10	25.7	.....	52.2	Genuine.	Deficient in fat.	"
.....	9.63	81.45	7.23	1.69	31.8	.....	51.3	" ..	" ..	"

DESCRIPTION of 101 Samples of Butter

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.
				Quantity.	Value.	
1906.			<i>District of Ottawa—Con.</i>		Cts.	
Nov. 15	Butter	29396	A. Boivin, 80 Queen St., W., Ottawa.	1 lb.	28	McCullough, Quebec
" 15	"	29399	J. Currell, 86 Queen St. W., Ottawa.	1 "	27	Mrs. Baird, Fitzroy
" 19	"	32304	R. E. Powell, 285 Wellington St., Ottawa.	1½ "	45	Not known
			<i>District of Kingston— J. Hogan, Inspector.</i>			
Nov. 5	Butter	31001	Davies Co., Princess St., Kingston.	1 lb.	26	Davies Co., Dairy, Toronto.
" 5	"	31002	" " " "	1 "	35	Maple Leaf Standard Dairy.
" 5	"	31003	J. Thomas Polley, Brock St., Kingston.	1 "	30	Kingston Milk Depot
" 5	"	31004	J. Cullen, Princess St., Kingston.	1 "	30	Maple Leaf Standard Dairy.
" 5	"	31006	Charles Sanders, Princess St., Kingston.	1 "	30	" "
" 5	"	31008	G. H. Williams, Princess St., Kingston.	1 "	30	J. H. Peel, Victoria Road ..
" 5	"	31009	Anderson Bros., Princess St., Kingston.	1 "	30	Maple Leaf Standard Dairy.
" 6	"	31011	Joseph Lemmon, Montreal St., Kingston.	1 "	30	Not known
			<i>District of Toronto— T. Kidd, Acting Inspector</i>			
Nov. 14	Butter	30222	J. A. McCrea & Son, Guelph.	1 lb.	25	Vendors
" 15	"	30223	R. Higgins & Son, 802 Yonge St., Toronto.	1½ "	48	White & Co., Front St., Toronto.
" 15	"	33224	W. M. Davies & Co., Yonge St., Toronto.	1½ "	48	Jacob Steadaland, Elmira, Ont.
" 16	"	30227	Park, Thompson & Co., Toronto.	1½ "	38	Vendors
" 16	"	30228	A. Provan, King Street, Toronto.	1½ "	45	Mrs. C. McKenna, Lloydtown County York.
" 19	"	30231	Kidd & Co., Athlone, Ont.	1½ "	35	Mrs. Harry Trump, Adjala Township, Co. Simcoe.
" 19	"	30235	George E. Reynolds, Beeton, Ont.	1½ "	40	Mrs. William Strongman, Tecumseth Township.
" 20	"	30237	J. M. Courtney, Tottenham, Ont.	1½ "	40	Miss Delemere, Colgan, Ont.
" 21	"	30239	Swan Bros., 162 King St., Toronto.	1½ "	42	James Young, Earin Township, Co. Wellington.
" 21	"	30240	Gunn Co., Ltd., 48 Front St., Toronto.	1¼ "	30	Not known

Examined by the District Analysts—Continued.

Inspector's Report.	RESULTS OF ANALYSIS BY DISTRICT ANALYST.						READINGS OF BUTY- RO: REFRACTO- METER AT 25° C. BY A. MCGILL.		DISTRICT ANALYSTS.	
	Moisture.	Fat.	Salt.	Curd.	Reichert Mensel No.	Specific gra- vity of fat at 100° compar- ed with water at 100° C.	Reading.	Opinion.	Remarks.	Name.
	p.c.	p.c.	p.c.	p.c.		p.c.	°			
.....	11·07	85·63	1·90	1·40	26·3	.....	53·0	Genuine..	Genuine..	Dr. F. X. Va- lade.
Taken from pail; farmer's butter.	13·21	83·38	2·20	1·21	23·0	.....	51·4	" ..	" ..	"
.....	14·94	81·09	2·67	1·30	25·3	.....	51·4	" ..	" ..	"
.....	8·11	85·92	4·14	1·83	31·8	.....	51·2	Genuine..	Genuine..	Dr. F. X. Va- lade.
.....	14·48	81·74	1·68	2·10	25·3	.....	51·5	" ..	" ..	"
.....	11·72	84·65	2·05	1·58	24·9	.....	52·1	" ..	" ..	"
.....	11·82	85·91	1·06	1·21	25·3	.....	52·1	" ..	" ..	"
.....	12·32	84·42	1·71	1·55	27·5	.....	52·0	" ..	" ..	"
.....	11·09	85·45	2·32	1·14	26·8	.....	52·4	" ..	" ..	"
.....	13·71	83·49	1·55	1·25	24·5	.....	52·2	" ..	" ..	"
Royal brand	12·31	85·51	1·32	0·86	24·7	.....	52·0	" ..	" ..	"
Vendor purchased from a farmer.	10·58	86·34	1·93	1·07	27·10	0·8992	51·2	Genuine..	Genuine..	Dr. W. H. Ellis
.....	9·18	86·41	2·96	1·19	31·77	0·9027	51·8	" ..	" ..	"
.....	12·66	83·88	2·37	0·89	29·04	0·9032	52·3	" ..	" ..	"
.....	3·10	93·83	1·03	1·73	30·71	0·8977	52·2	" ..	" ..	"
Branded dairy.	5·52	88·03	5·49	0·86	24·78	0·8989	52·2	" ..	" ..	"
.....	10·88	81·22	6·25	1·04	24·57	0·9017	53·0	" ..	" ..	"
.....	8·04	85·60	4·02	1·71	30·80	0·9011	51·1	" ..	" ..	"
.....	10·06	85·90	2·56	1·05	24·40	0·8986	53·2	" ..	" ..	"
.....	10·73	82·96	4·55	1·38	28·22	0·9008	51·5	" ..	" ..	"
Vendor handles large quantities of butter in a wholesale way; shipped from Baden.	3·63	94·04	1·04	1·07	34·03	0·9022	53·0	" ..	" ..	"

DESCRIPTION of 101 Samples of Butter

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.
				Quantity.	Value.	
1906.			<i>District of London— T. Kidd, Inspector.</i>		Cts.	
Nov. 2	Butter.....	30195	William Cherney, Windsor, Ont.	1 lb.	28	J. S. Tester, Bothwell, Ont..
" 3	"	30201	John McCorbey, Chatham, Ont.	1 "	23	Mrs. Cotman, Chatham Township.
" 7	"	30211	Williams & Purcill, Seaforth, Ont.	1½ "	35	Not known.....
" 8	"	30216	John Beattie, Seaforth, Ont.	1 "	23	Mrs. Bell, McKillop Township, Co. Huron.
" 9	"	30217	S. M. Edwards, butter merchant, Mitchell, Ont.	1½ "	30	Mrs. Seyburn, Fullerton Township, Perth Co.
" 10	"	30218	William Pickard, Seaforth, Ont.	1½ "	30	Not known.....
" 8	"	30212	O. C. Whitely, Goderich, Ont.	1 "	24	M. Ford, general merchant, Mitchell, Ont.
" 8	"	30214	Henry J. Moorish, Goderich, Ont.	1 "	25	M. Watson, Kincardine, Ont.
			<i>District of Manitoba— W. M. Conklin, Inspector.</i>			
Nov. 27	Butter.....	25925	W. J. Kennedy, Winnipeg.	1 lb.	30	Not known.....
" 27	"	25926	J. A. Parks, Winnipeg.	1 "	35	The Dominion Produce Co., Winnipeg.
" 27	"	25927	The National Creamery Co., Winnipeg.	1 "	..	Vendors.....
" 28	"	25928	John Donnelly & Son, Winnipeg.	1 "	30	Not known.....
" 28	"	25929	H. Sylvester, Winnipeg.	1 "	35	"
" 28	"	25930	A. Jackson, Winnipeg.	1 "	30	Imperial Produce Co., Winnipeg.
" 28	"	25931	J. R. Cote, St. Boniface.	1 "	30	Not known.....
" 28	"	25932	T. Pelletier, St. Boniface.	1 "	30	"
			<i>District of Calgary— W. Fletcher, Inspector.</i>			
			No collections made in the District of Calgary.			

Examined by the District Analysts—Continued.

Inspector's Report.	RESULTS OF ANALYSIS BY DISTRICT ANALYST.						READINGS OF BUTY- RO : REFRACTO- METER AT 25° C. BY A. MCGILL.		DISTRICT ANALYSTS.	
	Moisture.	Fat.	Salt.	Curd.	Reichert Meissl No.	Specific Fra- vity of fat at 100° compar- ed with water at 100° C.	Reading.	Opinion.	Remarks.	Narr.
	p. c.	p. c.	p. c.	p. c.		p. c.	°			
.....	9.17	84.94	1.34	3.70	23.57	0.9049	53.9	Probably genuine.	Genuine..	Dr. W. H. Ellis
Farmer's butter...	6.26	89.98	1.88	1.40	24.31	0.9010	52.0	Genuine..	" ..	"
"	12.05	79.56	5.53	1.68	27.61	0.9011	51.6	" ..	" ..	"
.....	6.29	86.55	5.68	1.21	28.42	0.9005	52.0	" ..	" ..	"
.....	5.98	90.64	0.05	1.27	24.97	0.8980	52.2	" ..	" ..	"
Farmer's butter...	10.08	81.00	6.67	1.68	25.10	0.9060	52.0	" ..	" ..	"
.....	5.18	93.46	0.57	0.07	29.85	0.9004	52.0	" ..	" ..	"
.....	7.87	88.46	2.98	0.50	29.97	0.9050	52.0	" ..	" ..	"
Farmer's	8.04	88.95	1.43	1.29	26.78	0.8976	52.1	Genuine..	Genuine..	Dr. W. H. Ellis
.....	7.76	89.26	1.59	1.72	26.69	0.8982	51.9	" ..	" ..	"
.....	9.04	85.83	3.56	1.61	27.50	0.9006	51.5	" ..	" ..	"
.....	5.99	91.30	1.25	1.23	23.93	0.8974	51.9	" ..	" ..	"
.....	4.13	93.58	0.93	1.26	30.70	0.8999	51.5	" ..	" ..	"
.....	9.33	88.10	1.34	0.99	31.01	0.9011	52.0	" ..	" ..	"
Farmer's	6.66	89.67	2.19	1.13	25.43	0.8974	51.0	" ..	" ..	"
.....	5.27	91.56	1.61	1.23	20.12	0.8984	51.8	" ..	Too low in volatile fatty ac- ids.	"

DESCRIPTION of 101 Samples of Butter

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher.
				Quantity.	Value.	
1906			<i>District of British Columbia—E. B. Parkinson, Inspector.</i>		Cts.	
Nov. 13	Butter.....	32001	The H. A. Edgett Co., Ltd., Hastings St., Vancouver, B.C.	1½ lbs.	55	The H. A. Edgett Co., Ltd. Abbotsford, B.C.
" 13	"	32002	J. J. Griffin & Co., wholesale, Water St., Vancouver, B.C.	1½ "	30	Not known.
" 13	"	32003	H. Albert, Carrall St., Vancouver, B.C.	1½ "	45	The Provincial Government Creamery, Alberta.
" 13	"	32004	F. Filion, Carrall St., Vancouver, B.C.	1½ "	45	The Chilliwack Creamery, Chilliwack, B.C.
" 13	"	32005	W. J. McMillan & Co., wholesale, Alexander St., Vancouver, B.C.	1½ "	30	The Victoria Creamery Association, Victoria, B.C.
" 13	"	32006	The City Grocery, Westminster Ave., Vancouver, B.C.	1½ "	30	J. Y. Griffin & Co., Vancouver, B.C.
" 13	"	32007	S. T. Wallace, Westminster Ave., Vancouver, B.C.	1½ "	30	F. R. Stewart, Vancouver, B.C.
" 13	"	32008	Ford, Saxton & Co., Drake St., Vancouver, B.C.	1½ "	40	Vendors.

Examined by the District Analysts—*Concluded.*

Inspector's Report	RESULTS OF ANALYSIS BY DISTRICT ANALYST.						READINGS OF BUTY- RO: REFRACTO- METER AT 25° C. BY A. MCGILL.		DISTRICT ANALYSTS.	
	Moisture.	Fat.	Salt.	Curd.	Reichert Meisel No.	Specific gra- vity of fat at 100° compar- ed with water at 100° C.	Reading.	Opinion.	Remarks.	Name.
	p.c.	p.c.	p.c.	p.c.		p.c.	°			
'Edgewood brand.' This butter is manufactured by the firm at their own dairy at Ab- botsford, B.C.	8.35	88.75	1.17	1.73	26.6	0.8677	52.0	Genuine.	Genuine.	Dr. C. J. Fa- gan.
This butter is pur- chased by ven- dors in Alberta and Manitoba and shipped to Vancouver by the car load and there repacked into 1 lb. blocks by vendors.	8.50	88.00	0.53	2.97	25.7	0.8684	51.0	"	"	"
This butter is bought in tubs and boxes and is re-packed into 1 lb. blocks by vendor.	4.70	92.80	0.75	1.75	32.0	0.8709	51.0	"	"	"
Tub butter.	7.30	89.50	1.70	1.50	26.10	0.8698	52.2	"	"	"
Put up in 1 lb. blocks. The Victo- ria Creamery Association, Victo- ria, B. C., on wrapper.	11.10	85.80	1.60	1.50	22.00	0.8691	51.5	"	"	"
No brand; sold as cooking butter; tub.	8.60	85.50	1.58	1.32	29.9	0.8653	51.6	"	"	"
Tub butter; no brand; sold as cooking butter.	5.97	88.95	3.04	2.06	26.8	0.8653	52.0	"	"	"
Purchased at the dairy.	12.10	84.40	1.93	1.57	24.6	0.8653	52.1	"	"	"