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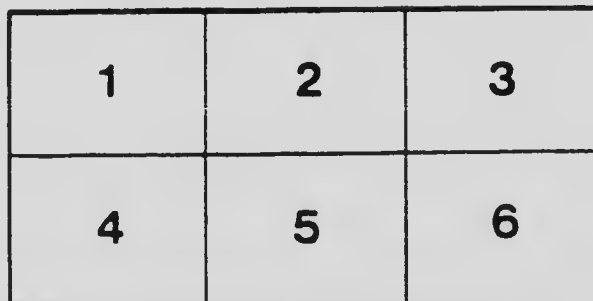
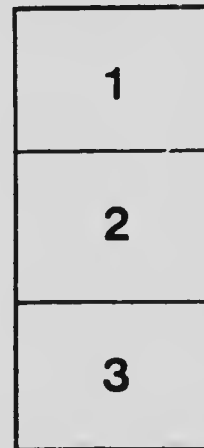
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 215.

MAPLE SUGAR

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 215

MAPLE SUGAR

OTTAWA, September, 2, 1910.

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

SIR,—I beg to hand you a report upon maple sugar, collected throughout Canada in April and May of this year.

The report comprises one hundred and thirty-eight samples; but in addition the duplicates have been analysed in twenty-two instances, so that the total number of samples examined is one hundred and sixty (160). Examination of duplicates has been made when the sample, as taken by our Inspectors, consisted of separate cakes, instead of the division of a single cake into portions. It has sometimes occurred that, in the case of distinct cakes collected under the same inspectoral number, these cakes have given differing results on analysis. In the present instance, with a single exception, the analysis of the duplicate has corroborated the results of analysis of the original sample.

Results may be synoptically stated as follows:—

	Samples.
Genuine	102
Adulterated	22
Doubtful.....	14
Total	138

It thus appears that 74 per cent of the samples must be declared genuine, on the basis of our present standard for maple sugar, while 16 per cent are found to be adulterated.

The subjoined synopsis of published work on maple sugar since 1905, enables comparison to be made with former reports.

Date of Inspection.	Bulletin.	Sold as Mixture.	Genuine.	Doubtful.	Adulterated.	Total.	Percentage, Genuine.
March, 1905.	102	0	12	2	8	22	55
May, 1905.	102	0	15	0	3	18	83
March, 1906.	120	0	11	3	12	26	42
May, 1906.	120	1	44	0	7	52	85
May, 1907.	140	5	185	10	57	257	72
May, 1908.	157	0	62	1	8	71	87
Sept., 1910.	215	0	102	14	22	138	74
						584	

It will be seen that all the samples now reported were purchased as maple sugar, not as compounds; although in several instances the vendor declined, after sale, to guarantee the purity of the article. Indeed, in one case (No. 1154) the vendor said the article was a compound, although the results of analysis prove it to be genuine, as judged by our accepted standards for maple sugar.

These standards require that the lead acetate precipitate shall not be less than 2 per cent of the weight of the dry sugar; that the ash shall not be less than one half of one per cent, and the malic acid value not less than 0.4 per cent (Hortvet's method).

Samples are judged as 'doubtful' when the lead precipitate is between 2 per cent and 1.8 per cent; or reaching 2 per cent, when the ash falls below 0.5 per cent and the malic acid value below 0.4 per cent.

It will be seen that the average weight of the lead acetate precipitate as well as that of the ash, notably exceeds the standard numbers, and thus permits many samples to be reduced with sucrose from other sources than the maple, while still meeting the requirements of the standards. There can be little doubt that advantage has been taken of this fact by unscrupulous manufacturers, and that many compounded samples have escaped detection. Owing, however, to the fact that certain undoubtedly genuine maple sugars are found to give a low lead acetate number, and a low ash, it is not considered safe to recommend higher figures than those quoted, lest an honest product should be unfairly dealt with. This matter will receive careful consideration when readjustment of standards for sugar comes before the Advisory Board; and it may be found possible to raise it slightly.

I beg to record the publication of this report as Bulletin 215.

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

A. MCGILL,
Chief Analyst.

BULLETIN No. 215—MAPLE SUGAR.

Date of Collection.	Nature of Sample.	No. 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.	Remarks and Opinion of the Chief Analyst.
				Quantity.	Cents.			Lead Sub-oxide precipitate.	Total Ash.	Percentage on dry substance.		
1910.	April 19	Maple Sugar	41946 W. J. Hogwood & Son, Halifax, N.S.	1 lb.	20	Geo. A. Smith, Springhill, N.S.		3.73			41946	Genuine.
"	"	"	41947 City Provision Co., Halifax, N.S.	1 "	25	John Outhit, Halifax, N.S.		3.48			41947	"
"	"	"	41948 Lord, Hubley & Co., Halifax, N.S.	1 "	20	J. R. Smith, Southampton N.S.		4.42			41948	"
"	"	"	41949 Shore & Campbell, Halifax, N.S.	1 "	20	J. McLellan, Halifax, N.S.		4.17			41949	"
"	"	"	41950 Rooney & Lovett, Halifax, N.S.	1 "	20	J. S. Bird, East Mapleton, N.S.		3.64			41950	"
"	"	"	41951 Jas. Clancey, Halifax, N.S.	1 "	20	Smith & Proctor, Halifax, N.S.		5.91			41951	"
"	"	"	41952 R. B. Adams & Co., Halifax, N.S.	1 "	20	R. Megency, Halifax, N.S.		3.88			41952	"
May	3	"	41953 Jas. McGregor, Halifax, N.S.	1 "	11	Bauld Bros., Ltd., Halifax, N.S.		5.11			41953	"
"	4	"	41954 J. J. Skerry, Halifax, N.S.	1 "	23	" " " "		5.48			41954	"
"	11	"	41955 Murphy & DeMont, Halifax, N.S.	1 "	15	D. A. Lavers, East Southampton, N.S.		2.57			41955	"

DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.

DISTRICT OF PRINCE EDWARD ISLAND—THEO. MOORE, INSPECTOR.

April 19	Maple Sugar.	38696	R. K. Braces, Charlotte-2 lbs. town.	32	T. Thomas, Quebec	4.48	38696	Genuine.
" 19	"	38697	Mrs. W. F. Carter, Charlotte-2 lbs. town.	48	E. D. McKenzie, Springhill, N.S.	4.77	38697	"
" 19	"	38698	Spaulderson & Co., Charlotte-2 lbs. town.	40	Allan Rogerson, Gaubler's Corner, P.E.I.	2.28	38698	"
" 21	"	38699	A. Downess, Kensington-2 lbs. town.	32	F. T. Thomas, Quebec	2.77	38699	"
" 22	"	38700	R. T. Holman Ltd., Summerside.	20	Woodman & McKee, Quaticook, P.Q.	4.73	38700	"
" 22	"	38701	Brace & McKay, Summerside.	30	A. E. Hurd, Aylescliff, P.Q.	4.22	38701	"
" 26	"	38702	Jas. Gainer, Mount Stewart.	40	G. Gorong, St. John.	3.45	38702	"
" 28	"	38703	R. Nicholson, Charlotte-2 lbs. town.	30	J. A. Farquharson, Charlotte-town.	1.84	38703	Adulterated.
" 28	"	38704	J. McKinnon, Charlotte-2 lbs. town.	30	Robert Mitchell, Quebec.	5.31	38704	Genuine.
" 28	"	38705	Coffin & Co., Charlotte-2 lbs. town.	30	Sugars & Cannery, Ltd., Montreal.	1.36	38705	Adulterated.
						0.38		
						0.10		
						0.38		
						0.10		
						0.38		
						0.10		

DISTRICT OF NEW BRUNSWICK—J. C. FERGUSON, INSPECTOR.

April 25	Maple Sugar.	39692	James Collins, St. John, N.B.	45	Goddard Bros., Elgin, N.B.	3.64	39692	Genuine.
" 25	"	39693	W. A. Porter, St. John, N.B.	40	Hanfard H. Geldart, Elgin, N.B.	3.48	39693	"
" 25	"	39694	Harry G. McBeath, St. John, N.B.	48	Slocum & Ferris, Elgin, N.B.	3.63	39694	"
May 5	"	45234	E. G. Hoben, Fredericton, N.B.	50	Goddard Bros., Elgin, N.B.	2.88	45234	"
" 5	"	45235	Halt Morrison & Co., Fredericton, N.B.	32	Alfred Brown & Sons, Bear Island, N.B.	4.48	45235	"
" 6	"	45236	C. H. Burt, Fredericton, N.B.	50	W. Leigh Burt, Zealand Station, N.B.	4.75	45236	"
" 10	"	45237	Frank Godreu, Grand Falls, N.B.	50	Fred Conron, Drummond Parish, N.B.	4.91	45237	"
" 11	"	45238	Peter Lagacy, Grand Falls, N.B.	35	Joseph Caron, Irishtown, N.B.	5.64	45238	"
" 18	"	45239	Mills Eyeleigh Ltd., Sussex, N.B.	40	T. Whit. Colpitts, Forest Glen, N.B.	4.40	45239	"
" 19	"	45240	J. N. Boudreau, Moncton, N.B.	35	Napolcon Gerantier, Mar-bleton, N.N.	3.51	45240	"

* Duplicate.

Vendor does not guarantee quality or purity.
 Guaranteed absolutely pure.
 Labelled Pure Maple Sugar.
 Rock Maple Sugar.
 Vendor would not guarantee purity.

BULLETIN No. 215—MAPLE SUGAR.

Date of Collection.	Name 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.			Remarks and Opinion of the Chief Analyst.
			No. of Sample.	Quantity.			Lead Sub-oxide per cent.	Total Ash.	Percentage on dry substance.	

DISTRICT OF QUEBEC—E. BELAND, INSPECTOR.

1910.	April 19	Maple Sugar.	36578	E. Sauvageau, Champlain 4 ¹ / ₂ lbs.	48	Gustave Sauvageau, Champlain plain.	2.33	0.93	36578	Genuine.
"	19	"	36580	L. L. Brunelle, Batiscan-4	40	J. A. Turcotte, Champlain	4.77	36580	"	
"	21	"	36581	E. Deguis, St. Genevieve-3 ¹ / ₂	30	Unknown.	6.40	36581	"	
"	21	"	36582	A. A. St. Arsenaud, St. 2 ¹ / ₂	34	Xavier Thilcault, St. Genevieve.	4.51	36582	"	
"	25	"	36583	J. W. Cloutier, St. Stanis-3	30	Alfred Guilmet, St. Stanislas.	6.17	36583	"	
"	25	"	36584	J. Beaudoin, St. Stanis-4	40	Vendor	5.88	36584	"	
"	25	"	36585	F. Desureau, St. Stanis-5	50	"	5.31	36585	"	
"	25	"	36586	A. Lafontaine, St. Stanis-4	40	"	3.71	36586	"	
"	25	"	36587	Henri Trepanier, St. 5	50	"	4.13	36587	"	

DISTRICT OF ST. HYACINTHE—J. J. COSTIGAN, ACTING INSPECTOR.

April 23	Maple Sugar	40448 G. Dupuis, St. John, P.Q.	2 cakes	27	A. Brodeur, St. Paul, P.Q.	3 24	40448	Genuine.
" 23	"	40449 " " " "	1 cake	24	A. Menard, St. Paul, P.Q.	3 33	40449	"
" 20	"	40470 E. Goyette, Cowansville, P.Q.	2 lbs.	20	A. Johnson, Iron Hill	2 53	40470	"
" 21	"	40471 L. H. Olivier, Sherbrooke	2 "	26	Unknown.	3 66	40471	"
" 25	"	40472 Ginn & Elliott, Richmond, P.Q.	1 cake	25	J. Ducloux, Richmond, P.Q.	3 86	40472	"
" 25	"	40473 H. P. Wales, Richmond, P.Q.	2 lbs.	16	Unknown.	4 22	40473	"
" 25	"	40474 MacRae Bros., Richmond, P.Q.	1 cake	23	Mrs. Lynn, Flodden, P.Q.	4 64	40474	"
" 26	"	40475 Magasin Co-operatif, Thetford Mines	2 1/2 lbs.	27	Unknown.	6 00	40475	"
" 27	"	40476 D. L. Dupuis, Coaticook, P.Q.	2 "	20	Eugene Inkke, Way's Mills P.Q.	3 06	40476	"
May 2	"	40477 Eastern Traders, S. Exchange, Sutton, P.Q.	M.S. & 2 "	20	Chester Wilson, East Hill P.Q.	" 95	40477	"

DISTRICT OF MONTREAL—J. C. ROULEAU, ACTING INSPECTOR.

April 19	Maple Sugar	1148 H. Montpetit, St. Anne de Bellevue	2 lbs.	25	Unknown.	2 02	1148	Doubtful
" 19	"	1149 C. Decoste, Rigaud	4 "	39	F. Sabourin, St. Redempteur	5 96	1149	Genuine.
" 20	"	1150 J. B. Dubou, St. Redempteur	6 "	60	Moise Vallee, St. Redempteur	3 73	1150	"
" 20	"	1151 J. E. P. Degui, St. Justine	3 1/2 "	33	Unknown.	3 20	1151	"
" 20	"	1152 D. Menard, St. Justine Station	3 1/2 "	3	Mde. Berisault, St. Justine Station	4 02	1152	"
" 21	"	1153 J. A. N. Bourassa, Valley field	4 1/2 "	43	Mr. Laberge, Deseritville	4 11	1153	"
" 21	"	1154 O. Marchand, Lechaer, nois.	2 "	24	Unknown.	4 55	1154	"
" 27	"	1155 Wm. Bileliff, Westmount	2 "	24	W. D. Bradford, Granby	3 40	1155	"
May 6	"	1156 O. Champagne, 688 Notre Dame E., Montreal.	2 1/2 "	30	Unknown.	3 37	1156	"
" 6	"	1157 C. Rollin 1437 St. Catherine E., Montreal.	2 "	30	Yvon Langlois et Cie, Montreal	4 55	1157	"

BULLETIN No. 215—MAPLE SUGAR.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cust.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of opinion.)	RESULTS ON ANALYSIS.				Remarks and Opinion of the Chief Analyst.
				Quantity.	Cents.			Lead Sub- acetate per cent.	Total Ash.	Percentage on dry substance.	Malic Acid Value.	

DISTRICT OF OTTAWA—J. A. RICKEY, INSPECTOR.

1916.	April 26	Maple Sugar ..	42973 G. F. Cook, Almonte.	2 lbs.	25	Vendor.		1.18	0.41	0.18	42973	Adulterated.
	" 29	" "	42974 H. H. Cole, Almonte.	2 "	30	Mrs. McKirdy, Almonte.		5.73			42974	Genuine.
	" 27	" "	42975 Mackay Bros., Renfrew. 2 " . . .	2 "	22	W. M. Smith, Harlaen, Ont.		2.88			42975	"
	" 27	" "	42976 P. Brankin, Market Sq.	3cakes	30	Ottawa Cold Storage, Ottawa.	Sample from box marked Snalls pure maple sugar.	1.88	0.61	0.45	42976	Adulterated.
	" 27	" "	42977 E. Gougeon, Market Sq. 1 " . . .	1 "	10	Lerner & Son, Ottawa.	Sample from box marked pure maple sugar. Sugars & Cannery Limited, Montreal.	1.54	0.46	0.20	42977	"
	" 27	" "	42978 J. Bambrick, George St., 2 lbs. . .	2 lbs.	30	J. D. McGregor, Ottawa.		2.80			42978	Genuine.
	" 27	" "	42979 W. B. Graham, Bank St., 2 " . . .	2 "	30	Wm. Cullen, Ottawa.		4.83			42979	"
	" 27	" "	42980 Calderone & Bossio, Bank St., Ottawa. . .	2 "	30	Westover, Sutton Junction St., Ottawa.		3.03	0.66		42980	"
	" 28	" "	42981 F. A. Scott & Son, Wel. 2 " . . .	2 "	30	Wm. Cullen, Ottawa.		4.44			42981	"
	" 29	" "	42982 A. Parkinson & Son, Kingston St., Ottawa.	3cakes	30	Sugars & Cannery, Ltd, Montreal.		1.34	0.44	0.19	42982	Adulterated.
								1.58				

DISTRICT OF KINGSTON—JAS. HOGAN, INSPECTOR.

April 15	Maple Sugar.	44267	Kelly Bros., Kingston	30	30	Sugars & Cannery Ltd., Montreal	2.13	0.53	0.58	44267	Genuine.
"	"	44268	W. J. Nesbit, Kingston	5 "	30	James Craig, Kingston	1.96	0.53	0.15	44268	Doubtful.
"	"	44269	C. A. Pickering, Kingston	3 "	30	Geo. Robertson & Son, Montreal	*1.95			44269	Genuine.
"	"	44270	Geo. Boyle, Belleville	3 "	30	Imperial Syrup Co., Montreal	3.46			44270	Adulterated.
"	"	44271	J. H. Young, Belleville	3 "	30	J. Sloan, Belleville	1.68	0.38	0.12	44271	"
"	"	44272	Beverly McDonald, Picton	2 lbs.	30	Unknown	*1.80	0.48	0.13	44272	Doubtful.
"	"	44273	T. R. Harvey, Cobourg	2 "	30	Simson Adams, Danville, P.Q.	1.79	0.67	0.19	44273	"
"	"	44274	E. Guillet, Cobourg	2 "	40	Gunn, Toronto	2.71			44274	Genuine.
"	"	44275	J. Sutherland, Peterboro	30	30	T. Kinnear Co., Peterboro	1.85	0.53	0.10	44275	Adulterated.
"	"	44276	P. S. White, Peterboro	2 lbs.	30	W. J. Oke, Peterboro	*1.71			44276	Genuine.

DISTRICT OF TORONTO—H. J. DAGGER, INSPECTOR.

May 5	Maple Sugar.	45012	S. H. Griffith, Welland	1 cake	10	Sugars, Ltd., Quebec	2.04	0.51	0.20	45012	Doubtful.
"	"	45013	Wolfe & Mosler, Port Colborne	1 "	10	Imperial Syrup Co., Montreal	0.91	0.46	0.07	45013	Adulterated.
"	"	45014	J. Allen, 353 Yonge St., Toronto	1 lb.	15	Unknown	0.91	0.46	0.07	45014	"
"	"	45015	G. B. Draker, St. Catharines	1 cake	10	John Ross, St. Catharines	2.33			45015	Genuine.
"	"	45017	F. H. Taylor, Niagara Falls	2 cakes	20	Imperial Syrup Co., Montreal	0.64	0.28	0.09	45017	Adulterated.
"	"	45018	H. S. Hooper, 241 King St. East, Hamilton	1 cake	10	White & Co., Hamilton	2.11	0.40	0.16	45018	Doubtful.
"	"	45019	J. Blood, 419 Yonge St., Toronto	1 lb.	15	J. Weston, 630 Ontario St., Toronto	3.08			45019	Genuine.
"	"	45020	W. I. Wellwood, 1611 Yonge St., Toronto	1 cake	20	Mr. Thompson, cor. Church & Front Sts., Toronto	6.11			45020	"
"	"	45021	Robert Findley, Queen St. East, Toronto	1 "	10	Imperial Syrup Co., Montreal	1.06	0.38	0.10	45021	Adulterated.
"	"	45011	Jas. Whimster & Co., Aurora	1 lb.	14	J. Thompson, Athens	3.53			45011	Genuine.

* Duplicate.

BULLETIN No. 215—MAPLE SUGAR.

Date of Collection.	Nature 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.			Remarks and Opinion of the Chief Analyst.
			Quantity.	Cents.			Lead Sub- acetate precipitate.	Total Ash.	Percentage on dry substance.	

DISTRICT OF LONDON—JNO. TALBOT, ACTING INSPECTOR.

1910.	Maple Sugar.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.			Remarks and Opinion of the Chief Analyst.	
								Lead Sub- acetate precipitate.	Total Ash.	Percentage on dry substance.		Malic Acid Value.
May	5	42303	W. R. Smith, Seaforth.	3 bars.	30	A. M. Smith & Co., London.	Twin Blocks pure maple sugar.	1.70	0.45	0.23	42303	Adulterated.
"	5	42306	O. C. Whitley, Goderich.	3 "	30	" "	" "	1.60	0.47	0.24	42306	"
"	3	42585	Pickard & Fleming, St. Mary's.	3 "	30	Jas. Lloyd, Stratford.	" "	1.88	0.43	0.31	42585	"
"	3	42586	John Walsh, St. Mary's.	3 "	30	Sugara & Cannars, Ltd., Montreal.	" "	1.71	0.48	0.29	42586	"
"	4	42592	Walsh Bros., Stratford.	3 "	30	Unknown.	Guaranteed pure.	1.48	0.38	0.16	42592	"
"	4	42596	Knechtel Grocery Co., Stratford.	3 "	25	" "	" "	1.99	0.51	0.33	42596	Doubtful.
"	4	42598	A. G. Lloyd, Stratford.	3 "	30	Jas. Lloyd, Stratford.	" "	1.81	0.45	0.29	42598	Adulterated.
"	4	42600	R. S. Jones, Stratford.	3 "	25	" "	" "	1.95	0.61	0.51	42600	Genuine.
								*2.22				

DISTRICT OF WINDSOR—JNO. TALBOT, INSPECTOR.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.			Remarks and Opinion of the Chief Analyst.	
								Lead Sub- acetate precipitate.	Total Ash.	Percentage on dry substance.		Malic Acid Value.
April 18	Maple Sugar.	42544	J. A. McCrea & Son, Seales Guelph.	30	30	Sugars Ltd., Montreal.	" "	1.58	0.47	0.29	42544	Adulterated.
"	"	42550	J. M. Dooley, Guelph.	3 "	30	" "	" "	1.49	0.46	0.22	42550	"
"	"							1.79	0.44	0.22		"
"	"							*1.71				"

"	18	"	42553	Ja. Gow, Guelph	3	30	Unknown	3.98		42553	Genuine.
"	19	"	42555	Beck & Schell, Berlin	3	30	Davidson & Hay, Toronto	1.98	0.56	42555	Doubtful.
"	19	"	42556	A. E. Heller, Berlin	3	45	W. L. Sager, Freilighsburg P. Q.	*1.95	0.11	42556	"
"	19	"	42559	Daz. Rohlender, Waterloo, Ont.	3	30	Jno. Garvey & Son, London.	2.57		42559	Genuine.
"	19	"	42562	A. K. Raesch, Waterloo, Ont.	3	30	"	2.51		42562	"
"	20	"	42565	John Sloan, Galt	3	30	Guaranteed pure - Sugars & Canneries, Ltd	2.18	0.52	42565	Doubtful.
"	20	"	42566	Hugh Walker, Galt	3	30	Geo. Watts & Son, Brantford.	*2.17	0.48	42566	"
"	21	"	42573	A. M. Smith & Son, Woodstock, Ont.	3	30	Sugars & Cannery, Ltd.	1.88		42573	Genuine.
"		"				30	Canada Maple Exchange Co., Montreal.	2.48		42573	"
"		"				30		3.45			"

DISTRICT OF MANITOBA - A. C. LARIVIERE, INSPECTOR.

April	26	Maple Sugar	43446	Hardy & Buchanan, Osborne St., Winnipeg.	2 lbs.	40	O. E. Sherwood, Foster, P. Q.	4.33		43446	Genuine.
"	29	"	43447	W. H. Stone Co., Winnipeg.	1 1/2 "	25	Unknown	2.66		43447	"
May	6	"	43448	J. A. McKechar, Winnipeg.	1 1/2 "	25	T. W. Taylor, Birchton, P. Q.	5.66		43448	"
"	6	"	43449	Coyle Bros., Main St., Winnipeg.	1 1/2 "	25	Maple Tree Producers Association, Waterloo, P. Q.	4.02		43449	"
"	6	"	43450	Harris Confectionery Stores, 999 Main St., Winnipeg.	2 lbs.	60	Imperial Syrup Co., Montreal.	1.79	0.55	43450	Doubtful.
"	6	"	43451	The Hudson's Bay Co., Winnipeg.	1 1/2 "	30	Maple Tree Producers Association, Waterloo, P. Q.	*1.80	0.10	43451	"
"	6	"	43452	J. J. Jackson, 252 Main St., Winnipeg.	1 1/2 "	30	"	4.00		43452	Genuine.
"	6	"	43453	J. G. Hargrave & Co., Winnipeg.	1 1/2 "	30	Bright & Emery, Winnipeg.	3.42		43453	"
"	6	"	43454	T. E. Williams, William Ave., Winnipeg.	2 1/2 "	25	Unknown	4.73		43454	"
"	6	"	43455	J. Paterson, Market St., Winnipeg.	2 1/2 "	25	"	2.05	0.66	43455	"
"	6	"				25	"	2.96		43455	"

*Duplicate.

BULLETIN No. 215—MAPLE SUGAR.

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.				Remarks and Opinion of the Chief Analyst.		
				Quantity.	Cents.			Lead Sub- acetate pre- cipitate.	Total Ash.	Percentage on dry sub- stance.	Malic Acid Value.		No. of Sample.	
1910.														
April 29	Maple Sugar	43701	Copps & Emerson, Cal- gary.	2 lb.	40	Maple Tree Producers' As- socn., Ltd., Waterloo, P.Q.						43701	Genuine.	
" 29	"	43702	Wood & Green, Calgary.	2 "	40	G. B. Hall, Barnston, P.Q.						43702	"	
" 29	"	43703	Hudson's Bay Co., Cal- gary.	2 "	40	Maple Tree Producers' As- socn., Ltd., Waterloo, P.Q.						43703	"	
May 5	"	43704	R. Dunn, Medicine Hat.	2 "	40	Donnelly, Watson & Brown, Calgary.						43704	"	
" 5	"	43705	Spencer & Tosd, Medi- cine Hat.	2 "	50	Maple Tree Producers' As- socn., Ltd., Waterloo, P.Q.						43705	"	
" 12	"	43706	The Good Co., Leth- bridge.	2 "	75	Edmund J. Berry, Broux, P.Q.						43706	"	
" 18	"	43707	Hallier & Aldridge, Ed- monton.	2 "	40	G. W. Earl, Elgin, Ont.						43707	"	
" 18	"	43708	C. Campbell & Co., Ed- monton.	2 "	40	Unknown						43708	"	
" 18	"	43709	The Hudson's Bay Co., Edmonton.	2 "	40	Maple Tree Producers' As- socn., Waterloo, P.Q.						43709	"	
" 18	"	43710	Capital Mercantile Co., Edmonton.	2 "	50	" "						43710	"	

DISTRICT OF CALGARY—R. W. FLETCHER, INSPECTOR.

DISTRICT OF VANCOUVER—D. OSULLIVAN, ACTING INSPECTOR.

May	5	Maple Sugar	44836	Thayer & Co., Vancouver, B.C.	50	Edmund J. Berry, Quebec.	2.95	44836	Genuine.
"	"	"	44838	The A. & C. Grocery Co., Vancouver, B.C.	50	Maple Tree Producers Assocn., Montreal.	4.46	44838	"
"	"	"	44844	T. F. McDowell, Vancouver, B.C.	30	Kelly, Douglas & Co., Vancouver.	3.86	44844	"
"	"	"	44848	J. McTaggart, Vancouver, B.C.	40	Edmund J. Brome, Bromeford, P.Q.	3.04	44848	"
"	"	"	44852	J. S. Foran, Vancouver, B.C.	60	D. N. McDougall, Martintown, P.Q.	4.55	44852	"
"	"	"	44858	J. F. May, Vancouver, B.C.	25	Kelly, Douglas & Co., Vancouver.	4.64	44858	"
"	"	"	44875	West End Grocery, Westminister.	25	The W. H. Malkin Co., Ltd., Vancouver.	2.12	44875	Adulterated.
"	"	"	44878	T. S. Annandale, Westminister.	30	Kelly, Douglas & Co., Vancouver.	2.05	44878	Doubtful.
"	"	"	44880	C. A. Welch, Westminister.	30	"	1.85	44880	"
"	"	"	44882	The New Westminister Co-op. Assocn., Ltd.	25	The W. H. Malkin Co., Ltd., Vancouver.	1.64	44882	"

