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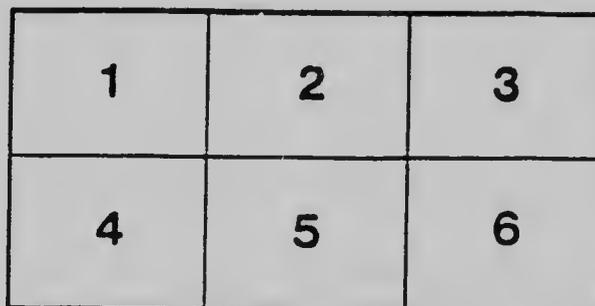
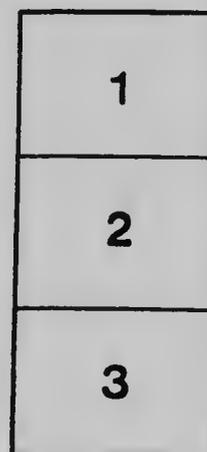
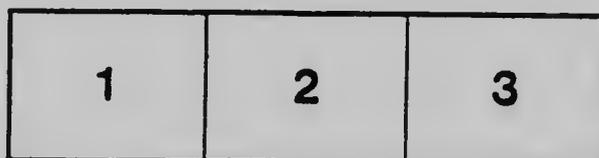
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O. H. M. S.

W. J. Gerald

Deputy Minister.

LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 141

MAPLE SYRUP

Vertical text on the left edge, likely bleed-through from the reverse side of the page. The text is extremely faint and illegible.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN NO. 141

MAPLE SYRUP

Ottawa, July 31, 1907.

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

SIR,—I have the honour to report to you upon an examination of 244 samples of Maple Syrup, collected by our Food Inspectors during April and May of this year. The following synopsis shows the results of analysis :

Inspection District	Genuine	Doubtful	Maple Flavour	Mixture or Compound	Adulterated	Total
Novia Scotia.....	17	0	1	1	1	20
P. E. Island.....	3	0	0	1	0	4
New Brunswick....	3	1	0	0	1	20
Quebec.....	18	0	0	0	0	20
St. Hyacinthe.....	20	0	0	0	0	20
Montreal.....	20	0	0	0	0	20
Ottawa.....	20	0	0	2	3	20
Kingston.....	15	0	3	8	2	20
London.....	7	1	0	0	7	20
Toronto.....	12	0	3	4	4	20
Manitoba.....	9	0	1	0	1	20
Calgary.....	18	0	1	0	1	20
British Columbia...	18	0	7	5	0	20
	8					
	<u>187</u>	<u>2</u>	<u>16</u>	<u>21</u>	<u>20</u>	<u>244</u>

Maple syrup has been made the subject of examination on six different occasions during the past eleven years. The work done in 1896 had for its object the special case of glucose substitutes for maple syrup; the other collections were studied with reference to substitution of any foreign substance for true maple syrup. The following table gives a resumé, of the results obtained.

Date	Bulletin	Genuine	Doubtful	Adulterated	Sold as Compound	Total
July 1896.....	45	82	8	6	0	96
March 1905.....	102	17	4	76	0	97
May 1905.....	102	44	2	29	0	75
March 1906.....	120	22	2	53	8	85
May 1906.....	120	88	17	57	9	171
May 1907.....	141	187	2	20	37	244

It will be noted that the proportion of adulterated samples is much greater for March 1905 and 1906, than for May of the same years. Expressed as percentage numbers, this fact becomes more striking :

	Genuine Samples	Percentage of Adulterated Samples
March 1905	18	78
May 1905	59	38
March 1906	26	62
May 1906	51	33
May 1907	77	8

It is, of course, to be expected that a large proportion of genuine maple syrup samples should be obtainable immediately after the season of manufacture, than at a later period. It is interesting to note that the fact of inspection appears to have had a beneficial effect upon the character of maple syrup sold in Canadian markets. Comparing the percentages of genuine samples found in May of 1905, 1906 and 1907, we have the numbers, 59, 51 and 77; the adulterated samples reported for the same periods are 38, 33 and 8 per cent. respectively. Greater care is taken to label artificial maple products, as mixtures or compounds, or as merely flavoured articles.

The work herein recorded has been done by Mr. Vallin; and I am able to vouch for the care taken in its performance.

I beg to recommend the publication of this report as Bulletin 141.

I have the honour to be,

Sir,

Your obedient servant,

A. McGILL,

Acting Chief Analyst.

MEMORANDUM.

Maple syrup is the product of the evaporation of the juice of the sap of the maple tree to a consistency in which about 28 to 36 per cent. of its weight is water. As far as its solids are concerned, the composition of maple syrup is identical with that of maple sugar.

Of the 20 samples found adulterated, in the present collection, the adulterant seems to be, without exception, granulated sugar.

The same standards for maple sugar have been adhered to in judging maple syrup in this bulletin. Description of the method for the detection of the adulteration in maple products will be found in Bulletin No. 140.

On the assumption that a syrup contains 35 per cent. water, the factors are 30.77 for Lead subacetate precipitate, and 15.4 for total ash. The determination of the water content in 40 samples of maple syrup gave a maximum of 37.70, and a minimum of 29.05, mean 33.74.

The same conclusion has been reached by C. H. Jones, Chemist, Vermont Experiment Station (Report 1905, p. 330).

A. VALIN.

RECORD OF MAPLE SYRUP SAMPLES ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample	No. of Sample	Name and Address of Vendor	Cost. Quan- tity.	Name and Address of Manufacturer or Furnish- er as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.			Malleo Acid Value	Remarks
							Lead	Free- lime	Total Ash		
<i>District of Nova Scotia—R. J. Waugh, Inspector.—Concluded.</i>											
May 6	Maple Sprup...	27358	W. J. Hopgood, Hants, N.S.	1 pt., 25c...	Unknown. Supplied by D. F. Archibald, Athol, N.S.	Sold as pure Syrup.	3.20	0.58	0.58	0.58	Genuine.
" 7	"	27359	B. O. Bishop, Dartmouth, N.S.	1 bot, 25c...	New England Maple Syrup Co., Stansbury, Vt., U.S.	Golden Tree Brand, sold as pure...	0.17	0.12	0.34	0.34	Adulterated.
" 7	"	27360	W. A. Adams, Halifax, N.S.	1 " 35c...	Unknown.	Sold as Pure Quebec Syrup.	2.86	0.63	0.63	0.63	Genuine.
" 2	"	27333	E. McKenzie, Springhill, N.S.	1 pint, 15c...	J. Corkum, Springhill, N.S.	Sold as pure...	3.93	0.64	0.64	0.64	Genuine.
" 2	"	27334	E. McKenzie, Springhill, N.S.	1 pint	Gibbert Hunter, Leas- ington.	Sold as pure...	3.07	0.81	0.81	0.81	Genuine.
" 17	"	27361	H. M. Watson, Wolfville, N.S.	1 bottle, 50c...	Wm. Poyzant, Gasper- caux Mountains, N.S.		4.15	0.75	0.75	0.75	Genuine.
" 17	"	27362	J. H. Bars, Wolfville, N.S.	1 pint, 25c...	D. R. Gilbert, Gilbert's Mountain, N.S.		5.66	1.38	1.38	1.38	Genuine.
" 17	"	27363	Porter Bros., Wolfville, N.S.	1 bottle, 40c...	Godard Bros., Elgin, N.B.	Labeled Pure Maple Syrup.	4.67	0.98	0.98	0.98	Genuine.

District of Prince Edward Island—T. Moore, Inspector.

April 19	Maple Syrup...	28399	A. Bowness, Kensington, P.E.I.	3 pts., 60c...	Standard Syrup Co., Bur- ington.		0.98	0.53	0.53	0.53	Genuine.
" 19	"	28400	R. Tuplin, Kensington, P.E.I.	3 cans, 42c...	Archer Maple Cane Sy- rup, St. John, N.B.	Sold as Maple Syrup. This is nearly all being sold by in town and coun- try as Maple Cane Syrup.	0.94	0.06	0.06	0.06	Sold as Maple Cane Syrup.

1907.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample	No. of Sample	Name and Address of Vendor	Quant. Cts.	Name and Address of Manufacturer or Furnisher as given by Vendor	Inspector's Report	Percentage on Dry Substance			Remarks	
							Lead Sub-Precipitate	Total Ash	Malic Acid Value		
<i>District of New Brunswick—J. C. Ferguson, Inspector—Concluded.</i>											
May 9	Maple Syrup	29503	A. L. Bradley, Water St., 3 St. Stephen, N.B.	25c.	25c.	A. Claxton, Tower Hill, David's Parish, Charlotte Co., N.B.	No label on package.	0.99	0.11	0.19	Adulterated.
" 11	"	29504	Jno. McKnight, Regent St., Fredericton, N.B.	" 75c.	" 75c.	W. Movers, Bear Island, N.B.	Label, "Pure Maple Honey,"	4.52	0.95	.....	Genuine.
" 11	"	29505	W. R. Logan, Queen St., Fredericton, N.B.	" 75c.	" 75c.	Inch & Frupp Settlement, N.B.	Label, "Pure Maple Honey,"	4.40	0.78	.....	Genuine.
" 14	"	29506	Sullivan Bros., Main St., Woodstock, N.B.	" 30c.	" 30c.	Carret & Safford, Sutton, Que.	Pure Maple Syrup	3.90	0.87	.....	Genuine.
" 14	"	29507	W. S. Skillen, Main St., Woodstock, N.B.	" 40c.	" 40c.	Clifford Everett, Woodstock Parish, N.B.	No label	4.03	1.06	.....	Genuine.
" 16	"	29508	Geo. Warnock, Drummond Parish, N.B.	" 75c.	" 75c.	Vendor	Label, Pure Maple Syrup.	3.13	0.64	.....	Genuine.
" 16	"	29509	Remi Plourd, Dead Brook Settlement, N.B.	" 40c.	" 40c.	Vendor	No label	4.59	0.61	.....	Genuine.
" 17	"	29510	C. Curless, Grand Falls, N.B.	" 40c.	" 40c.	Remi Plourd, St. Leonard's Parish, N.B.	"	5.07	0.84	.....	Genuine.

District of Quebec—E. Beland, Inspector.

April 4	Maple Syrup	26191	T. B. A. Pare, St. Joachim, chim.	44 lbs., 55c.	44 lbs., 55c.	T. B. A. Pare	.....	3.50	0.69	.....	Genuine.
" 4	"	26194	Gaudios Fortin, St. Joachim, chim.	1 pint, 25c.	1 pint, 25c.	Gaudios Fortin, St. Joachim, chim.	.....	4.86	1.01	.....	Genuine.
" 8	"	26207	T. Julien, 124 Dorchester St., Quebec.	1 " 15c.	1 " 15c.	Tramblay, Chateau Richer.	.....	4.55	0.83	.....	Genuine.
" 8	"	26208	T. Julien, 124 Dorchester St., Quebec.	1 " 7c.	1 " 7c.	Cloutier, Chateau Richer.	.....	5.07	1.04	.....	Genuine.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quant- ity.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.			Remarks.
							Lead	Acetate	Total Ash	
District of St. Hyacinthe—J. C. Rouleau, Inspector.—Concluded.							Lead	Acetate	Total Ash	Malt's A-Id Value
1907	April 18	Maple Syrup...	25 Paul Tourigny, Victoria-ville.	1 qt., 25c....	Pierre Hamel, Warwick.	No label.	2.83	0.63	0.63	Genuine.
"	"	"	26 D. O. Bourbeau, Victoria-ville.	" 18c....	Mr. Courtois, Arthabaskville.	"	4.44	1.04	1.04	Genuine.
"	"	"	27 Jos. Demers, Thetford...	" 25c....	J. Moore, Kennebec Mills.	"	3.20	0.80	0.80	Genuine.
"	"	"	28 H. J. Johnson, Minton...	1 gal., \$1.10.	Vendor.....	"	3.01	0.68	0.68	Genuine.
"	"	"	29 Fortunal Denis, Martinville.	1 pint, 11c....	"	"	3.60	0.86	0.86	Genuine.
"	"	"	30 Mathias Fournier, Compton.	1 gal., 90c....	"	"	2.89	0.55	0.55	Genuine.
"	"	"	31 E. N. Chaddock, Cookshire.	1 qt., 25c....	"	"	2.61	0.76	0.76	Genuine.
"	"	"	32 F. X. Lajoie, St. Liboire.	1 pint, 10c....	Clovis Quintal, St. Liboire.	"	3.09	0.70	0.70	Genuine.
"	"	"	33 Maple Tree Producers Association, Waterclo.	2 bottles, gratis.	Vendors.....	"	2.67	0.56	0.56	Genuine.
"	"	"	34 P. A. Portelance, Farnham.	1 pint, 15c....	Mr. Pariseau, L'Ange Gardien de Rouville.	"	3.01	0.80	0.80	Genuine.
"	"	"	35 Dme. Ant. Sabaurin, St. Jean, Que.	" 13c....	Nap. Pratte, L'Ange Gardien de Rouville.	"	2.76	0.56	0.56	Genuine.
"	"	"	36 Octave Papillon, St. Ours.	" 10c....	Vendor.....	"	4.58	0.80	0.80	Genuine.
"	"	"	37 Wm. Lavalloé, St. Victoire.	" 10c....	"	"	2.98	0.61	0.61	Genuine.
"	"	"	38 Oct. Potvin, St. Ours....	" 10c....	"	"	3.16	0.87	0.87	Genuine.
"	"	"	39 Louis Sylvestre, Berthier en Haut.	" 10c....	"	"	2.98	0.70	0.70	Genuine.
May 1	"	"	40 Buzzell Bros., Cowansville.	1 can, 75c....	J. Laraba & fils, Cowansville.	Pure Guaranteed Pure Syrup.	3.07	0.67	0.67	Genuine.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Qty.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.			Remarks.
							Lead Sub-Phosphate	Total Ash	Malic Acid Value	
1907.			<i>District of Ottawa—E. Bélisle, General Inspector and A. E. Sanderson, Inspector.</i>							
April 6	Maple Syrup...	32356	L'Institute Colonial Franco-Canadian Ironsides, Que.	1 qt., 40c....	Vendor.....	Guaranteed Pure....	3.38	3.73	.....	Genuine.
"	"	32357	L'Institute Colonial Franco-Canadian Ironsides, Que.	1 " 40c....	"	"	3.69	0.83	.....	Genuine.
"	"	32358	A. F. Richard, Chelsoe Road, Que.	1 " 35c....	"	.....	3.10	1.01	.....	Genuine.
"	"	32360	G. W. Armstrong, Cornwall.	1 " 40c....	Not known? Sugars, Ltd. Montreal?	Bought for Pure....	0.43	0.21	0.32	Vendor said that he bought pure Maple Syrup and afterwards said it was made by Sugars, Ltd., Montreal, and marked Compound. Genuine.
"	"	32363	J. E. Chevrier, Cornwall.	1 " 35c....	Not known.....	Sold as pure.....	3.01	0.92	.....	Genuine.
"	"	32364	J. E. Chevrier, Cornwall.	1 " 35c....	"	"	2.30	0.78	.....	Genuine.
"	"	32365	D. J. Cornwall, Cornwall.	1 " 35c....	A. E. Lynnond, Sheet's Pure Maple Syrup. Island.	Sap	3.60	0.81	.....	Genuine.

Date	Quantity	Product	Vendor	Price	Notes	Weight	Price per Unit	Quality
" 15	"	"	W. J. Eastcott, Bank St., Ottawa.	3 bottles, 35c.	Not known.	4.24	1.01	Genuine. Sold to vendor for Pure Maple Syrup, but vendor sells it for Compound and labels it as a Mixture.
" 15	"	"	W. J. Eastcott, Bank St., Ottawa.	3	E. Caldwell, Knowlton, Que.	2.86	0.65	Warranted Pure.
" 15	"	"	Kavanagh Bros., Sparks St., Ottawa.	3	Hall, Barnstown, Que.	3.20	0.63	Guaranteed pure by Manufacturer.
" 15	"	"	Bate and Co., Sparks St., Ottawa.	3	A. W. Weston, Sutton Junction, Que.	3.23	0.61	Sold as Pure "Maple Leaf Brand."
" 15	"	"	Bryson Graham & Co., Sparks St., Ottawa.	1 can, 60c.	Cable & Co.	3.56	0.70	Genuine.
" 27	"	"	F. & H. Bamford, Hawkesbury, Ont.	3 bottles, 75c.	Unknown.	4.30	0.87	Sold as pure.
" 29	"	"	F. Souhier, Aylmer, Que.	3	J. G. White, Rideau St., Ottawa.	0.33	0.30	Regal Brand Choicest Quebec Product Mixture.
May 7	"	"	Louis Raymond, Hull, Que.	1 1/2 qt., 40c.	E. F. Laframboise, Ste. Scholastique, Que.	3.01	0.63	Sold as pure.
" 7	"	"	Jos. Martel, Hull, Que.	1 qt., 25c.	Henri Lebrun, Belle Riviere, Que.	2.98	0.67	"
" 7	"	"	F. Cousineau, Hull, Que.	1	From Ste. Scholastique and St. Hermas, Que.	2.61	0.60	"
" 7	"	"	D. Savard, Hull, Que.	1	Bought from farmers.	0.34	0.11	Vendor thinks Syrup not pure.
" 8	"	"	A. Villecave, Point, Que.	1	F. X. Lorrain, Gatineau Point.	1.60	0.40	Sold as pure.
" 8	"	"	A. J. Smith, Point, Que.	1 1/2 pint, 20c.	Jos. Grant, Ottawa.	0.71	0.13	Sold as Maple Syrup.

District of Kingston—Jas. Hogan, Inspector.

Date	Quantity	Product	Vendor	Price	Quality
1907.	2	Maple Syrup	Albert Glover, Kingston.	3 qts., 90c.	Small, Montreal.
May	2	"	Albert Glover, Kingston.	3	Maple Tree Producers Assoc., Waterloo, Que.
"	2	"	F. Ostler, Kingston.	3	Small, Montreal.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.			Remarks.
							Lead Sub- acetate Precipitate	Total Ash	Malic Acid Value.	
<i>District of Kingston—Jas. Hagan, Inspector. Concluded.</i>										
May 1907.	2	31083	W. J. Nesbitt, Johnston St., Kingston.	3 qts., 70c.	W. Koch, Montreal	Maple Flavour.	0.02	0.07	0.07	Sold as Maple Flavour. Genuine.
"	"	31088	C. Saunders, Princess St., Kingston.	3 pints, 65c.	Leo yard Van Luven & Son, Hattersea, Ont.		2.46	0.76	0.80	Genuine.
"	"	31091	A. W. Van Luven, Princess St., Kingston.	" 75c.	W. Koch, Montreal	Sold as Maple Flavor	0.06	0.12	0.12	Sold as Maple Flavour.
"	"	31093	H. A. Fairfield, Front St., Belleville, Ont.	" 75c.	J. Sloan, Belleville.	Defiance Brand Pure Mixture.	0.55	0.18	0.18	Sold as Mixture.
"	"	31098	B. Harker, Front St., Belleville, Ont.	3 qts., 90c.		Defiance Brand Pure Mixture.	0.70	0.12	0.12	Sold as Mixture.
"	"	31100	G. Pearson, Front St., Belleville, Ont.	1 1/2 pint, 45c.			0.41	0.28	0.39	Adulterated.
"	"	32405	T. A. Fisher, Williams St., Lindsay.	3 qts., 75c.			0.24	0.10	0.10	Sold as Maple Flavour. Genuine.
"	"	32408	Adams Bros., Kent St., Lindsay.	" 75c.		Maple Flavour, Cabinet Brand.	2.80	0.80	0.80	Genuine.
"	"	32414	White & Gillespie, George St., Peterboro, Ont.	" 60c.			0.38	0.23	0.23	Sold as Mixture.
"	"	32419	A. W. Lockhart, George St., Peterboro.	" 75c.	Montreal Sugar, Ltd	Diamond Brand Mixtures.	0.21	0.15	0.15	Sold as Mixture.
"	"	32421	R. A. Dutton, George St., Peterboro, Ont.	1 1/2 pint, 45c.		L'Habitant Brand Mixture.	0.12	0.18	0.18	Sold as Mixture.
"	"	32424	R. A. Dutton, Peterboro.	3 qts., 90c.	Small, Montreal.	Small's Standard Maple Syrup Mixture.	0.18	0.15	0.15	Sold as Mixture.
"	"	32425	W. J. Routh, Charlotte St., Peterboro.	3 pints, 75c.		Diamond Brand Mixture.	0.92	0.26	0.26	Sold as Mixture.
"	"	32427	H. Burriam, Charlotte St., Peterboro.	3 qts., 75c.	Muskowa, Hamilton.	Muskoka Brand, Mixture.	0.04	0.06	0.06	Sold as Compound.
"	"	32429	J. Heal, Charlotte St., Peterboro.	3 pints, 75c.	Imperial Syrup, Montreal	Rock Candy Syrup Compound.				

"	5	"	"	32431	A. J. Warne, Charlotte St., Peterboro.	3 pints, 75c	Red Cross, Montreal.	0.23	0.15	0.39	Adulterated.
"	5	"	"	32437	W. H. Hamilton, Peterboro.	3 qts., 75c	Maple Tree Producers Assoc., Waterloo, Que	2.46	0.61		Genuine.

District of London—Thos. Kidd, Inspector.

April	16	Maple Syrup.		30302	Sturday & Co., Goderich.	1 qt., 25c	L. S. Perrin, London, Ont.	0.93	0.25	0.23	Adulterated.
"	17	"	"	30303	Casdeno Bros., Scaforth.	" 35c	Mrs. R. McKenzie, Varna, Ont.	5.63	0.93		Genuine.
"	18	"	"	30305	Geo. McLennen, Clinton.	1 pint, 20c	Neil McGregor, Stanley Township.	5.41	1.12		Genuine.
"	18	"	"	30307	Thos. Beacons, Clinton.	" 25c	Robt. McIlvinn, near Watford.				Both samples broken in the transportation.
"	19	"	"	30308	W. J. Brown, Stratford.	" 20c	McCormack, London, Ont.	3.47	0.61		Genuine.
"	19	"	"	30311	M. Durkin, Mitchell.	" 15c	McCormack Mfg. Co., London, Ont.	3.53	0.73		Genuine.
"	19	"	"	30312	Wm. Stovenan, Mitchell.	" 13c	Lind Kerrigan & Co., London, Ont.	1.24	0.18	0.30	Adulterated.
"	24	"	"	30321	G. J. Watts, Thamesville.	" 15c	J. F. Smith, Windsor.	0.32	0.15	0.19	Adulterated.
"	24	"	"	30322	R. L. Randell, Thamesville.	" 15c	Mrs. Truesdale, Kent Co.	3.33	0.85		Genuine.
"	25	"	"	30326	W. R. Everett, Windsor.	1 qt., 50c	J. F. Smith, Windsor.	3.07	0.50		Genuine.
"	26	"	"	30329	Mahlam & Acres, Thomas.	St. 1 pint, 15c	Lind Kerrigan, London, Ont.	0.73	0.08	0.08	Adulterated.
May	1	"	"	30331	Jno. Kerr, Wingham.	" 20c	Jas. Henderson, Athens, Ont.	3.20	0.86		Genuine.
"	1	"	"	30335	H. G. Lemon, Harrison.	" 15c	John Stone, Toronto.	0.32	0.21	0.12	Adulterated.
"	2	"	"	30338	Jno. Goss, Walkerton.	" 20c	McCormick Mfg. Co., Toronto.	2.89	0.73		Genuine.
"	3	"	"	30342	Wm. Buckley, Chesley.	" 25c	Hugh Walker & Sons, Guelph.	0.15	0.08	0.09	Adulterated.
"	3	"	"	30345	J. W. McDonald, Lis-towell.	" 25c	Jno. Stewart, Molesworth.	4.20	0.92		Genuine.
"	10	"	"	30357	W. A. Armitage, Toronto.	1 qt., 40c	McArthur Ewing & Co., Toronto.	2.80	0.58		Genuine.
"	15	"	"	30370	Park Thompson, Toronto.	3 glasses, 30c	J. B. Hall, Coastcook, Que.	2.09	0.37	0.24	Doubtful.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Lead Sub- Precipitate	Percentage on Dry Substances.	Malic Acid Value.	Remarks.
<i>District of London—Thos. Kidd, Inspector.—Concluded.</i>										
1907.										
May 13	Maple Syrup	30365	W. A. Pringle, Beeton	1 pint, 20c	Canada Preserving Co., Hamilton.	.....	1.04	0.37	0.08	Adulterated.
" 13	"	30364	W. J. Wood, Alliston	3 cups, 30c	Eby Blain & Co., Toronto	Pure Maple Syrup	3.47	0.69	.....	Genuine.
" 14	"	30368	J. D. Elliott, Tottenham	1 1/2 pint, 35c	E. B. Blain, Toronto	.....	3.56	0.76	.....	Genuine.
<i>District of Toronto—H. J. Dejer, Inspector.</i>										
1907.										
May 8	Maple Syrup	33242	Spencer Smith, Toronto	3 pints, 75c	A farmer at Smith's Falls	.....	4.03	0.55	.....	Genuine.
" 8	"	33243	Joseph Patterson, Toronto	1 1/2 " 30c	Eastern Townships Sugar Exchange, Que.	Labeled as pure	2.52	0.58	.....	Genuine.
" 8	"	33241	C. W. Varcoe, Toronto	3 " 45c	Sugars, Ltd., Montreal	Labeled Mixture, sold as Maple Syrup.	0.44	0.21	.....	Sold as Mixture.
" 8	"	33245	J. J. Burton, Toronto	1 1/2 " 22c	Warren Bros., Agents, Toronto.	No label, sold as pure.	0.25	0.18	0.07	Adulterated.
" 9	"	33246	W. E. McDaniel, Toronto	1 1/2 " 22c	McDaniel Bros., Agents, Toronto.	No label, sold as pure.	2.46	0.64	.....	Genuine.
" 9	"	33247	A. A. McKay, Toronto	1 qt., 30c	J. Lambers, agent, Toronto.	No label	0.48	0.15	0.06	Adulterated.
" 10	"	33248	W. S. Fry & Co., Toronto	1 1/2 pt., 23c	C. D. Bothwell, J. Avenir, Que.	Labeled as absolutely pure.	3.04	0.80	.....	Genuine.
" 10	"	33249	Gray & Co., Toronto	1 qt., 30c	Imperial Syrup Co., Montreal.	Sold as Maple Syrup. Labeled Com-pound after purchase was made. Purchaser said it was a mistake.	0.21	0.15	.....	Sold as Com-pound.

" 10	"	"	"	33250	W. Massen, Toronto.....	3 pts., 45c.....	Beauce Maple Co., Que. P. McLaren Co., Agents, Toronto.	Sold as Maple Syrup, Maple Flavour.	0.09	0.10	Sold as Maple Flavour.
" 14	"	"	"	33251	W. Rowantree, Toronto	1 qt., 30c.....	Canada Brokerage Co. Toronto.	Sold as Maple Syrup.	1.38	0.13	0.22 Adulterated.
" 14	"	"	"	33252	J. A. Rice, Toronto.....	1 " 30c.....	McArthur & Ewing, Agents, Toronto.	Labeled Eastern Township's Pure Maple Syrup.	2.89	0.56	Genuine.
" 17	"	"	"	33253	C. F. Brown, East Toron-	3 pts., 45c.....	Rutherford Marshal Co., Toronto.	Forrest Braud, Maple Flavour.	0.06	0.12	Sold as Maple Flavour.
" 17	"	"	"	33254	J. C. Sharp, East Toronto	3 " 45c.....	Sugars, Ltd., Montreal.	Diamond Brand, Mixture.	0.35	0.24	Sold as Mix- ture.
" 20	"	"	"	33255	W. H. Rykman, Hamil-	1 qt., 25c.....	McLaren Cheese Co., To- ronto.	Beauce Brand. After purchase the ven- dor said it was compound.	0.22	0.10	0.25 Sold as Con- solid.
" 20	"	"	"	33256	Battrem & Co., Hamilton	3 " 90c.....	Eastern Township Maple Sugar Exchange, Sut- ton, Que.	Guaranteed pure.....	2.69	0.61	Genuine.
" 20	"	"	"	33257	J. L. Brown, Hamilton	1 1/2 pint. 23c.....	Sugars, Ltd., Montreal.	No label.....	0.39	0.20	0.22 Adulterated.
" 20	"	"	"	33258	Bain & Adams, Hamilton	1 1/2 " 30c.....	P. Brady, St. Antoine, Que.	Taken from bulk.....	2.46	0.70	Genuine.
" 20	"	"	"	33259	P. H. Gage, Hamilton.....	1 1/2 " 27c.....	Eastern Townships Maple Syrup Co., Mon- treal.	.....	2.80	0.73	Genuine.
" 21	"	"	"	33260	W. S. Osborne & Son, Hamilton.	1 qt., 35c.....	Simington, Agents.....	Finest Maple Syrup.	6.36	0.80	Genuine.
" 21	"	"	"	33261	C. Boyle, Dundas.....	1 " 30c.....	Win. Koch, Montreal.	Bottled by Vendor, sold as Maple Flavour.	0.23	0.13	0.26 Sold as Maple Flavour.

District of Manitoba—R. W. Earl, Inspector.

May 15	Maple Syrup.	25806	Campbell Bros. & Wilson, Winnipeg.	1 1/2 gal., 45c.....	Campbell Bros. & Wilson, Winnipeg.	Sold as Maple Fla- vour.	0.76	0.43	Sold as Maple Flavour.
" 15	"	25807	J. Patterson, Winnipeg.	1 " 80c.....	Maple Tree Pro- ducers Assoc., Waterlo.	.....	2.58	0.75	Genuine.
" 15	"	25808	A. McKerchar, Winni- peg.	1 " 75c.....	R. McKae, Apple Hill.	.....	3.13	0.81	Genuine.
" 16	"	25809	W. R. Francis, Winnipeg.	1 " 80c.....	Small, Montreal.....	.....	2.30	0.52	Genuine.
" 16	"	25810	Hudson Bay Co., Winni- peg.	1 " 85c.....	Maple Tree Producers Assoc., Waterloo, Que.	.....	3.60	0.81	Genuine.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.		Malle Acid Value.	Remarks.
							Lead Sulphate	Total Ash		
May 16	Maple Syrup.	25811	F. E. Meldon & Co., Winnipeg.	1 gal. 75c.			2.18	0.69		Genuine.
" 17	"	25813	W. S. Jeffrey.	1 qt., 40c.			3.10	0.90		Genuine.
" 17	"	25814	Finch Co., Ltd., Winnipeg.	1 gal., 65c.	Eastern Townships, Sutton, Que.		2.80	0.77		Genuine.
" 17	"	25815	W. J. Kennedy, Winnipeg.	" 75c.	Small, Montreal.		2.15	0.69		Genuine.
" 27	"	25823	C. F. Woodside, Portage La Prairie.	1 qt., 50c.	Wm. Small, Montreal.		2.15	0.70		Genuine.
" 27	"	25824	Hudson Bay Stores, Portage La Prairie.	1 " 50c.	Maple Tree Producers Assoc., Waterloo, Que.		3.32	0.84		Genuine.
" 27	"	25825	C. S. B. Burley, Portage La Prairie.	1 " 45c.	Wm. Small, Montreal.		2.18	0.66		Genuine.
" 22	"	25816	T. R. Horne, Brandon.	1 1/2 pts., 30c.	Not given.		4.12	0.95		Genuine.
" 22	"	25817	Symington & Co., Brandon.	1 1/2 " 30c.	J. D. Knowlton, Ontario.		3.26	0.76		Genuine.
" 22	"	25818	Symington & Co., Brandon.	1 1/2 " 30c.	Small, Montreal.		1.97	0.70		Genuine.
" 23	"	25819	Mutter & Lynch, Brandon.	1 1/2 " "	F. McRae, Ontario.		3.68	0.93		Genuine.
" 23	"	25820	W. Dowling & Co., Brandon.	1 1/2 gal. "	C. R. & A. J. Kuncey, Sutton, Que.		3.20	0.72		Genuine.
" 23	"	25821	W. Muir, Brandon.	1 1/2 pts. "	A. McDonald, Middleville, Ont.		3.13	0.81		Genuine.
" 23	"	25822	J. Bower & Co., Brandon.	1 1/2 " "	T. Singleton, Toledo, Ont.		3.56	0.89		Genuine.
" 28	"	25843	C. J. McClocklin, Carberry.	" "	T. Kennedy, Hallerton, Que.		0.66	0.30	0.27	Adulterated.

District of Manitoba—R. W. Earl, Inspector.—Concluded.

RECORD OF MAPLE SYRUP SAMPLES, ANALYZED BY INLAND REVENUE DEPARTMENT LABORATORY.

Date of Collection	Nature of Sample	No. of Sample	Name and Address of Vendor	Cost. Quan- Cts. tity.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Percentage on Dry Substance.			Remarks.
							Lead sub- Precipitate	Total Ash	Malic Acid Value	
April 15	Maple Syrup	32023	H. J. Hampton, Van-1 qt., 45c. couver.	45c.	Eastern Townships Maple Sugar and Syrup Exchange, Sutton, Que.	Guaranteed pure by Vendor.	5.81	0.96	.....	Genuine.
"	"	32025	Marshall Smith & Co., 1 Ladner, B.C.	35c.	Ramsay Bros. & Co., Vancouver.	"Empire Brand" Genuine Maple Flavour Syrup.	0.52	0.26	.....	Sold as Maple Flavour.
"	"	32030	McDowell & Kinnis, Granville St., Vancouver.	30c.	Eastern Townships Maple Sugar and Syrup Exchange, Sutton, Que.	Warranted pure	4.15	0.80	.....	Genuine.
"	"	32031	J. McTaggart, Granville 1 St., Vancouver.	30c.	G. A. Sanborn, Vancouver.	Canadian Rock Maple Flavour Syrup	0.36	0.17	.....	Sold as Maple Flavour.
"	"	32032	Geo. Smith, Mount Pleasant, Vancouver.	50c.	Maple Tree Producers Assoc., Ltd., Waterloo, Que.	Pride of Canada is a genuine Maple Syrup.	2.76	0.70	.....	Genuine.
"	"	32033	H. O. Lee, Mount Pleasant, Vancouver.	25c.	Balfour & Co., Hamilton, Ont.	Tartan Brand Maple Syrup, pure mixture.	1.47	0.30	.....	Sold as Mixture.
"	"	32034	W. Clark, Carrol St., Vancouver.	25c.	Sugars, Ltd., Montreal.	Columbia Brand, marked mixture.	0.49	0.27	.....	Sold as Mixture.
"	"	32035	Healy & Vickers, Keefer St., Vancouver.	30c.	Ramsay Bros., Vancouver.	"Empire Brand" Maple Flavour Syrup, not sold as pure.	0.52	0.21	.....	Maple Flavour.
"	"	32037	Woodwards Dept. Store, Hastings St., Vancouver.	30c.	Ramsay Bros., Vancouver.	"Empire Brand" Maple Flavour Syrup.	1.72	0.21	.....	Sold as Mixture.

District of British Columbia—E. B. Parkinson, Inspector.

Hasting St., Vancouver.

cover.

rup.

" 23	"	"	"	"	32038	Dominion Grocery, Waterl St., Vancouver.	" 25c	Sugars, Ltd., Montreal	Columbia Brand, marked Mixture, bottled by Kelly, Douglas & Co., Vancouver.	0.46	0.23	Sold as Mix- ture.
"	"	"	"	"	32039	B. B. Brown, David St., I Vancouver.	" 50c	Maple Tree Producers Assoc., Ltd., Waterloo, Que.	Pride of Canada, Genuine Maple Sap Syrup.	2.55	0.73	Genuine.
" 24	"	"	"	"	32040	West End Grocery, Newl Westminster, B.C.	" 50c	Maple Tree Producers Assoc., Ltd., Water- loo, Que.	Pride of Canada, Genuine Maple Sap Syrup.	2.43	0.66	Genuine.
"	"	"	"	"	32041	T. S. Amundale, Newl Westminster.	" 35c	G. A. Sanborn, Van- cover.	Canadian Rock Ma- ple Flavoured Sy- rup.	0.15	0.26	Sold as Maple Flavour
" 25	"	"	"	"	32042	E.H. McMillan, Granville I St., Vancouver.	" 50c	Maple Tree Producers Assoc., Ltd., Waterloo, Que.	Pride of Canada, Genuine Maple Sap Syrup.	2.50	0.60	Genu
"	"	"	"	"	32043	Bruder & Gruchy, Gran- ville St., Vancouver.	" 25c	G. A. Sanborn, Van- cover.	"Canadian Rock" Maple Syrup made from pure Maple Sap.	1.04	0.21	Sold as Maple Flavour.
" 26	"	"	"	"	32044	A. R. Steacy, North Van- cover.	" 30c	Ramsay Bros., Vancou- ver.	"Empire Brand" Maple Flavour Sy- rup.	0.33	0.23	Sold as Maple Flavour.
"	"	"	"	"	32045	M. A. Russell, North I Vancouver.	" 50c	Eastern Township's Maple Syrup and Sugar Exchange, Sutton, Que.	Guaranteed pure	3.63	0.76	Genuine.
"	"	"	"	"	32046	J. Armstrong, Fairview, I Vancouver.	" 25c	Ramsay Bros., Van- cover.	"Empire Brand" Maple Flavour Sy- rup.	0.55	0.18	Sold as Maple Flavour.
"	"	"	"	"	32047	W. Webster, Fairview, I Vancouver.	" 50c	Maple Tree Producers Assoc., Ltd., Water- loo, Que.	Pride of Canada is a Genuine Maple Sap Syrup.	2.40	0.60	Genuine.
" 29	"	"	"	"	32063	E. C. Dixon, Powell St., I Vancouver.	" 30c	Sugars, Ltd., Montreal	"Columbia Brand," marked Mixture, Bottled by Kelly, Douglas & Co., Vancouver.	0.41	0.23	Sold as Mix- ture.

