



O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 177

TABLE SYRUPS

V
C
s
I
b
f
S
a
ad
ad
d
sy
in
ev
th
T
n
m
th
be

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 177

TABLE SYRUPS

OTTAWA, March 18, 1909.

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

SIR,—I have the honour to report upon 75 samples of syrup, purchased throughout Canada in January of this year. The collection was intended to be exclusive of maple syrup, or of imitations of maple syrup (which have received consideration in Bulletins 141 and 155), but a few samples of this class of goods have been inadvertently purchased by our inspectors.

Table II contains classified statements of the results of analysis, which will be found, together with other information, in Table I.

Thirty-nine (39) of the 75 samples herein reported, consist essentially of Corn-Starch Glucose; but varying amounts, usually from 5 to 10 per cent of cane sugar are present in these. Twenty-three (23) samples are essentially cane sugar syrups, although several of them contain notable amounts of glucose. The remaining thirteen (13) samples are mixtures, containing very considerable proportions of cane sugar usually about 30 per cent.

Owing to the non-existence of legal standards for syrup, it is impossible to pronounce definitely upon individual samples.

This report will serve the purpose of showing what table-syrup (omitting maple syrup) is, as now sold in Canada.

The following explanations, bearing upon the question of defining syrup, are of interest here.

When the sugar-containing sap or juice of a plant (maple tree, sugar cane, &c.) is evaporated to a consistence such that not more than about 30 per cent of water remains, the result is a syrup. This assumes that no sugar has been removed in the process. The necessary heating of the sap or juice has the effect of causing some change in the nature of the contained sugar. Cane sugar is more or less changed to *invert sugar* (a mixture of dextrose and levulose).

If the sap is, at some stage of the process of evaporation, allowed to cool, so that the sugar crystallizes, and the sugar crystals are removed, the residual liquid will still be sweet, in consequence of having sugar in solution, but the dissolved sugar will more

largely consist of invert sugar. Such a residual solution, from which sugar crystals have been removed, is properly called molasses.

A syrup may be made by the direct solution of sugar in water, to proper consistency. Such a syrup (sugar syrup) is defined by the pharmacopoeias. The British pharmacopoeia prescribes the solution of 10 parts of sugar by weight, to make 15 parts of the syrup. This has a density of 1,330. It is evident that such a syrup may contain little or no invert sugar; and must be too costly to compete with ordinary syrup in commerce.

When starch is heated under pressure, in contact with an acid and water, a change occurs by which the starch is largely converted into dextrose (one of the components of invert sugar). More or less of the starch is, however, converted into dextrin (British gum) quite a different thing from sugar. The resultant of this process, properly freed from any excess of acid, and otherwise purified and concentrated is by courtesy, known as a syrup (glucose syrup), but is not a syrup as above defined. Since, however, it has a sweetish taste, though by no means so sweet as true syrup, it is put on the market as a syrup. Increased sweetness is given to it by addition of more or less true syrup, and, perhaps, in some cases, by addition of saccharin.

Mixed syrups, consisting of glucose syrup and true syrup, may be perfectly wholesome foods; as, indeed may be true of glucose syrup *per se*. But, in order to be perfectly honest articles of commerce, the fact of their composition should be made known to the purchaser.

The differences in taste and flavour between a true syrup and a glucose syrup, or a syrup made by mixing glucose with a true syrup, are quite well marked; and it may be urged that, so long as the purchaser finds no fault on the ground of sweetness, flavour, and other qualities that appeal to the sense of taste, there is really no ground of complaint, even should he be supplied indiscriminately with one or other of these articles. The nutritive properties (energy producing power) possessed by them may, so far as we know, be considered identical.

I believe, however, that there are many consumers who distinguish between cane syrup and glucose syrup; and in the interest of such consumers, as well as for the purpose of making a clear statement of fact, I am of opinion, that table syrups should be sold under distinctive names, as for example, maple syrup, cane syrup, glucose syrup, mixed syrup, &c.

I beg to recommend the publication of this report as Bulletin No. 177.

I have the honour to be, sir,

Your obedient servant.

A. MCGILL,

Chief Analyst.

TABLE II.

EDWARDSBURG CO., CARDINAL, ONT.

Number.	POLARIZATION.		Cane Sugar.	Total Solids	Water.
	Direct.	Invert.			
33822	+154.0	-146.9	5.30	78.32	21.68
33823	+158.0	-151.8	5.40	79.12	20.88
29873	+141.0	-132.0	6.71	80.56	19.44
29874	+168.0	-160.0	6.97	80.12	19.88
36821	+151.0	-147.4	4.92	77.80	22.20
929	+168.0	-160.6	6.62	78.24	21.76
931	+141.0	-135.3	4.95	79.64	20.36
32669	+150.0	-140.6	7.01	78.29	21.31
22791	+145.0	-145.0	.....	79.20	20.80
22794	+144.0	-131.0	9.70	81.48	19.12
39421	+161.0	-152.9	6.44	79.64	20.36
39423	+134.0	-125.4	6.41	79.64	20.36
39425	+161.0	-150.7	7.68	79.16	20.84
36185	+172.0	-159.8	8.36	8.12	19.18
34733	+156.0	-146.9	6.78	77.37	22.62
35792	+169.0	-156.2	9.55	78.32	21.68
35793	+124.0	-116.6	8.50	81.96	18.04
35794	+143.0	-138.6	4.93	79.12	20.88
35795	+140.0	-136.4	2.69	79.12	20.88
35371	+134.0	-125.4	6.41	79.20	20.80
37559	+148.0	-144.7	0.22	77.37	22.63
39281	+150.8	+147.5	2.47	77.37	22.63
Means	+150.9	+143.3	5.72	79.15	20.85

ST. LAWR NCE STARCH CO.

33822	+152.0	+141.9	7.55	76.88	23.12
32670	+156.0	+110.0	10.44	74.72	21.28
22792	+159.0	+145.0	10.44	77.80	22.20
22795	+154.0	+140.0	10.44	77.80	22.20
39422	+146.0	+134.2	8.80	76.88	23.12
36185	+156.0	+122.1	17.90	78.72	21.28
34742	+163.0	+151.8	8.35	80.12	19.88
34748	+159.0	+154.0	4.73	78.72	21.28
35372	+142.0	+130.0	8.95	78.72	21.28
35373	+150.0	+139.7	15.15	78.28	21.72
37557	+147.0	+183.0	10.04	77.32	22.68
Means	+153.1	+139.2	10.25	78.18	21.82

A. LYLE & SON, LONDON, ENG.

33821	+27.0	-11.0	29.83	81.04	18.96
33824	+22.0	-15.5	27.59	80.12	19.88
31442	+21.0	-17.6	28.70	78.24	21.76
932	-24.0	-17.6	31.04	78.28	21.72
32677	-22.0	-17.6	29.55	79.64	20.36
35791	-23.6	-22.0	34.03	79.64	20.36
35374	+31.0	-14.3	33.80	81.04	18.96
35375	+23.0	-17.6	30.30	80.86	19.14
37559	+20.1	-19.8	29.777	83.84	16.16
39283	+23.6	-22.0	34.03	81.96	18.04
Means	+23.7	-17.5	31.01	80.47	19.53

IMPERIAL SYRUP CO., MONTREAL

Number.	POLARIZATION.		Cane Sugar.	Total Solids.	Water.
	Direct.	Invert.			
29872	+ 63 0	+ 6 6	42 69	79 20	20 80
29875	+ 72 0	+ 4 0	50 74	80 12	19 18
29876	+ 66 0	+14 3	38 58	77 80	22 20
930	+ 69 0	+11 0	43 27	75 96	24 04
933	+ 64 0	+ 6 6	42 83	72 72	27 28
32666	+ 64 0	- 4 4	52 54	77 32	22 68
39424	+ 66 0	+ 5 5	47 15	77 37	22 63
30576	+ 66 4	+12 1	40 52	75 48	24 52
37558*	+102 5	+46 8	41 60	80 60	19 40
39280 (?)	+ 58 8	-14 3	34 20	75 48	24 52
Means	+ 69 1	-12 5	43 35	77 20	22 72

WESTBURN REFINING CO., GREENOCK.

33825	+25 0	-15 5	20 22	80 12	19 88
39279	+24 0	-21 6	34 03	82 88	17 12
Means	+24 5	-18 5	32 12	81 80	18 50

DIAMOND BRAND (MAPLE CANE).

(CHAPUT FILS CO.)

31438	+40 0	-19 8	44 81	66 36	33 64
31440	+54 0	-19 0	54 47	70 44	29 56
Means	+47 0	-19 4	49 64	68 40	31 60

* Ramsay Bros. Co., Successors to the Imperial Syrup Co.

INDIVIDUAL SAMPLES.

No.	Name.	POLARIZATION.		Cane Sugar.	Total Solids.	Water.	Remarks.
		Direct.	Invert.				
32668	Golden Drips; Sugars and Cannerns Co.	+102.0	+ 52.9	56.71	76.88	23.12	Essentially cane syrup.
37560	Vancouver Syrup and Candy Co.	+ 62.0	- 15.4	57.76	68.68	31.32	"
36818	W. Turcotte & Cie, Quebec.	+ 72.0	+ 1.1	52.91	73.64	23.36	"
39282	Tea Golden Drips; Pacific Coast Syrup Co.	+ 91.6	+ 20.9	52.76	76.87	23.13	"
36820	Bedard & Frere	+ 76.8	+ 8.8	50.74	67.72	32.28	"
34753	Lind, Kerrigan & Co.	+ 46.0	- 16.0	46.18	81.48	19.52	"
36819	W. Turcotte & Cie	+ 44.0	- 17.0	45.52	74.60	25.40	"
22793	Molasses; Bate & Co.	+ 49.0	- 11.0	44.78	77.37	22.63	"
36183	Molasses; Star Brand, Warren Bros.	+ 54.0	- 4.4	43.58	71.84	28.16	"
36182	Syrup; Dom. Molasses Co., Halifax.	+ 41.0	- 13.3	40.52	72.72	27.28	"
31439	Imperial Syrup Co., Maple Cane.	+ 62.0	- 18.7	40.22	64.12	35.88	"
31441	Crown Brand; Carvell Bros.	+154.0	+123.2	23.06	78.24	21.76	Mixture.
36184	Tartar Brand; Balfour, Smye & Co.	+161.0	+149.1	8.88	79.20	20.80	Essentially glucose.
30581	John Garvay, London.	+172.0	+160.6	8.50	78.72	21.28	"
30559	?	+155.0	+146.5	6.35	77.28	22.72	"
30572	Warren Br. s. Co.	+157.0	+149.6	6.28	75.96	24.04	"
34730	T. Kennedy & Co ..	+166.6	+160.6	4.48	75.96	24.04	"
30563	?	+166.0	+162.0	2.98	77.80	22.20	"

BULLETIN No. 177—TABLE SYRUP—TABLE I.

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.	RESULTS OF ANALYSIS.				
				Quantity.	Cents.			Direct Polarization.	Invert Polarization at 20° c.	Cane Sugar by Clerget.	Total Solids.	Water.
DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.												
1900.										p. c.	p. c.	p. c.
Jan. 15	Table Syrup	33821	E. W. Crease & Son, Halifax, N. S.	2 lb.	15	A. Lyle & Son, London, Eng.	.....	+ 27	- 11.0	29.83	81.04	18.96
" 15	" ..	33822	Knock & Nicolle, Halifax, N. S.	5 "	30	Edwardsburg Starch Co., Cardinal, Ont.	.....	+ 154	+ 146.9	5.30	78.32	21.68
" 19	" ..	33823	Shaud Bros., Windsor	2 "	13	" ..	.....	+ 158	+ 151.8	5.40	79.12	20.88
" 19	" ..	33824	John Riley, Windsor	2 "	18	A. Lyle & Son, London, Eng.	.....	+ 22	- 15.5	27.99	80.12	19.88
" 27	" ..	33825	S. Thomson, Dartmouth	3 "	30	Westburn Refining Co., Greenock, Scotland.	.....	+ 25	- 15.5	30.22	80.12	19.88
DISTRICT OF PRINCE EDWARD ISLAND—THEO. MOORE, INSPECTOR.												
Jan. 11	Table Syrup	31438	W. J. Lidstone, Summerside..	1 can.	20	Chaput fils & Co., Montreal.	Labelled Maple Cane Table Syrup. Is an admixture of cane and maple syrup.	+ 40	- 19.8	44.81	66.36	33.64
" 11	" ..	31439	R. T. Holman, Ltd., Summerside.	1 "	35	Imperial Syrup Co., Montreal	A product of maple and cane sugar. Does not contain glucose, preservatives or acids of any kind	+ 62	- 18.7	40.22	64.12	35.88
" 14	" ..	31440	A. Gates & Co., Charlottetown	1 "	25	Chaput fils & Co., Montreal	Diamond Brand maple cane mixture, free from chemical acids or glucose.	+ 54	- 19	54.47	70.44	29.56
" 14	" ..	31441	M. Duffy, Charlottetown.....	1 "	12	Carvell Bros., Charlottetown.	Crown Brand, guaranteed pure and wholesome.	+ 154	+ 123.2	23.06	78.24	21.76
" 14	" ..	31442	Sanderson & Co., Charlottetown.	1 "	20	Abram Lyle & Sons, London.	Lyle's Golden Syrup, guaranteed pure.	- 21	- 17.6	28.80	78.24	21.76

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

Jan.	12	Table Syrup	2872	2 Barkers, Ltd., St. John, N.B.	1 can.	15	Imperial Syrup Co., Montreal	Goldenette Pure Cane	+ 63 + 6.6	42.09	79.20	20.80
"	12	"	2873	Chas. H. Francis & Co., St. John, N.B.	1 "	12	Edwardsburg Starch Co., Cardinal, O.	Maple Syrup. Edwardsburg Crown Brand. Pure table syrup.	+ 141 + 132	6.71	80.56	19.44
"	16	"	2874	H. C. Jewett, Fredericton, N.B.	1 "	12	"	"	+ 168 + 160	6.97	80.12	19.88
"	18	"	2875	Townsend & Hayden, Woodstock, N.S.	1 "	20	Imperial Syrup Co., Montreal	Goldenette Pure Cane	+ 72 + 4	50.74	80.12	19.18
"	26	"	2876	The 2 Barkers, Ltd., Moncton, N.B.	1 "	12	"	Table Syrup.	+ 66 + 14.3	38.58	77.80	22.20

DISTRICT OF QUEBEC—E. BELAND, INSPECTOR.

Jan.	13	Table Syrup	36818	Stanislas Gagnon, Quebec	1½ pt.	12	N. Turcotte & Cie, Quebec		+ 72 + 1.1	52.91	73.64	23.36
"	13	"	36819	"	1½ "	10	"		+ 44 - 17	45.52	74.60	25.40
"	13	"	36820	T. Greffard, Quebec	1½ "	15	Bedard & frère, Quebec		+ 76.8 + 8.8	59.74	67.72	32.28
"	13	"	36821	"	1 box.	12	Turcotte & frère, Quebec	Edwardsburg Table Syrup.	+ 154 + 147.4	4.92	77.80	22.20
"	13	"	36822	"	1 "	12	T. B. Letellier, Quebec	Bee-hive Cane Syrup. St. Lawrence Starch Co.	+ 152 + 141.9	7.55	76.88	23.12

DISTRICT OF ST. HYACINTHE—J. C. ROULEAU, INSPECTOR.

Jan.	11	Table Syrup	929	A. C. Trempe, Sorel	2 lb. can.	15	Edwardsburg Starch Co., Cardinal, Ont.	Crown Brand, Edwardsburg Pure Table Syrup.	+ 168 + 160.6	6.62	78.24	21.76
"	11	"	930	J. St. Laurent, St. Ours	2 "	15	Imperial Syrup Co., Montreal	Goldenette Pure Cane Table Syrup.	+ 69 + 11	43.27	75.96	24.04
"	12	"	931	B. H. Beland, Yamaska	5 lb.	25	Edwardsburg Starch Co., Cardinal, Ont.		+ 141 + 135.3	4.05	79.64	20.36
"	14	"	932	Woodman & McKee, Coaticook	2 "	20	F. K. Major & Co., Montreal	Lyle's Golden Syrup	+ 24 - 17.6	31.04	78.28	21.72
"	21	"	933	Raymond & frères, St. Hyacinthe.	3 cans	36	Imperial Syrup Co., Montreal	"Goldenette"	+ 64 + 6.6	42.83	72.72	27.28

BULLETIN No. 177—TABLE SYRUP—TABLE I.

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.	RESULTS OF ANALYSIS.				
				Quantity.	Cents.			Direct Polarization.	Invert Polarization at 20° C.	Cane Sugar by Clerget.	Total Solid.	Water.
DISTRICT OF MONTREAL—J. J. COSTIGAN, INSPECTOR.												
Jan. 19	Table Syrup	32666	Imperial Syrup Co., Montreal.	3 lb. tin.	25	Vendors.....	Goldenette Pure Cane Table Syrup.	+ 64	- 4 4	p.c. 52.54	p.c. 77.39	p.c. 22.68
" 19	" ..	32667	English Provision Co., Montreal.	1 tin.	18	Abram Lyle & Sons, Ltd., London, Eng.	Warranted pure and free from starch glucose.	+ 22	- 17 06	29.55	79.64	20.36
" 19	" ..	32668	Sugars & Cannery, Ltd., Montreal.	3 "	35	Vendors.....	"Golden Drips" Brand....	+ 102	+ 52.8	56.71	76.88	23.12
" 22	" ..	32669	T. Dallaire, Lachute Mills....	3 "	24	Edwardsburg Starch Co.....	"Crown Brand".....	+ 150	+ 140.6	7.01	78.29	21.31
" 26	" ..	32670	Laporte Martin Co., Ltd., Montreal.	3 "	30	St. Lawrence Starch Co.....	Guaranteed 90 p.c. Corn Syrup and 10 p.c. Cane Syrup. Labelled Corn Syrup.	+ 156	+ 40	10.44	78.72	21.28
DISTRICT OF OTTAWA—J. A. RICKEY, INSPECTOR.												
Jan. 6	Table Syrup	22791	Cavanaugh Bros., Maniwaki, P. Q.	1 qt.	30	H. N. Bate & Sons, Ottawa	"Crown" Brand.	+ 145	+ 145	.....	79.20	20.80
" 11	" ..	22792	Birch Bros., Richmond, O....	1 "	25	F. J. Castle Co., Ottawa	"Bee-hive" Brand Corn Syrup. Guaranteed 90 p.c. corn syrup and 10 p.c. cane syrup.	+ 159	+ 145	10.44	77.80	22.20
" 19	" ..	22793	B. Palef, Ottawa	1½ pt.	10	Bate & Co., Ottawa	Molasses.....	+ 49	- 11	44.78	77.37	22.63
" 20	" ..	22794	Joseph Martel, Hull	1 qt.	25	Edwardsburg Starch Co., Cardinal, Ont.	"Crown" Brand.....	+ 144	+ 131	9.70	81.48	19.52
" 21	" ..	22795	Geo. E. Pelton, Billings' Bridge	1 "	30	F. J. Castle Co., Ottawa	"Bee-hive" Brand, guaranteed 90 p.c. corn syrup and 10 p.c. cane syrup.	+ 154	+ 140	10.44	77.80	22.20

DISTRICT OF KINGSTON—J. HOGAN, INSPECTOR.

Jan.	6	Table Syrup	39421	A. Glover, Kingston	2 lbs.	12	Edwardsburg Table Syrup Co. ....	.....	+ 151	+ 152.9	6.04	79.64	20.36
"	7	"	39422	H. M. Storer, Kingston.....	2 "	12	St. Lawrence Starch Co. ....	.....	+ 146	+ 134.2	8.80	76.88	23.12
"	7	"	39423	C. Saunders, Kingston.....	2 "	12	Edwardsburg Table Syrup Co. ....	.....	+ 134	+ 125.4	6.41	79.64	20.36
"	7	"	39424	Anderson Bros., Kingston....	2 "	12	Imperial Syrup Co., Montreal.....	.....	+ 66	+ 5.5	47.15	77.37	22.63
"	7	"	39425	J. Kelly, Kingston	2 "	15	Edwardsburg Table Syrup Co. ....	.....	+ 161	+ 150.7	7.68	79.16	20.84

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

1909.													
Jan.											p. c.	p. c.	p. c.
Jan.	8	Table Syrup.	36182	E. F. Churchill, Toronto.....	2 tin	20	The Dominion Molasses Co., Halifax, N.S.	Golden Sling. Pure Cane Sugar Syrup.	+ 41	- 13.3	40.52	72.72	27.28
"	12	"	36183	Peters & Bonzell, Hamilton....	1 tin	13	St. Lawrence Starch Co., Ltd.	"Bee-hive" Brand contains 50 p.c. Pure Corn Syrup and 10 p.c. Cane Syrup.	+ 156	+ 122.1	17.90	78.72	21.28
"	13	"	36184	J. C. Groom, Niagara Fall....	1 "	15	Balfour Smye & Co., Hamil- ton.	"Tartan" Brand.....	+ 161	+ 149.1	8.88	79.20	20.80
"	15	"	36185	W. A. Sherwood & Son, St. Catherines.	1 pt.	15	Edwardsburg Starch Co., Cardinal.	"Crown" Brand.....	+ 172	+ 159.8	8.36	80.12	19.18
"	20	"	36186	W. J. McCullough, West To- ronto.	1 tins.	24	Warren Bros. & Co., Toronto	"Star" Brand. West India Molasses.	+ 54	- 4.4	43.58	71.84	28.16

DISTRICT OF LONDON—T. KIDD, INSPECTOR.

Jan.	7	Table Syrup.	30559	H. J. Novresh, Goderich.....	1 qt.	15	Not known.....	.....	+ 155	+ 146.5	6.35	77.28	22.72
"	8	"	30563	A. G. Ault, Seaforth.....	1 "	15	" .....	.....	+ 166	+ 16.2	2.98	77.80	22.20
"	12	"	30572	N. Z. Coppen, Mitchell.....	3 pots	15	Warren Bros., Toronto.....	.....	+ 157	+ 149.6	6.28	75.96	24.04
"	13	"	30576	J. M. Adam, St. Marys.....	1 qt.	15	Imperial Syrup Co., Montreal.....	.....	+ 66.4	+ 12.1	40.52	75.48	24.52
"	14	"	30581	A. Monteath, Stratford....	1 "	15	John Garvey, London, Ont..	Labelled Pure Table Syrup.	+ 172	+ 160.6	8.50	78.72	21.28

BULLETIN No. 177—TABLE SYRUP—TABLE I.

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.	RESULTS OF ANALYSIS.				
				Quantity.	Cents.			Direct Polarization.	Invert Polarization at 50° c.	Cane Sugar by Clergett.	Total Solids.	Water.

DISTRICT OF WINDSOR—J. TALBOT, INSPECTOR.

Jan.	7	Table Syrup.	34730	R. Kenny, Sarnia.....	3	bots	10	T. Kenney & Co., Sarnia	+ 196 6	+ 160 6	p. c.	p. c.	p. c.
"	7	"	34733	Peter Clark, Sarnia.....	3	"	15	Edwardsburg Starch Co.	+ 156 + 146 9	6 78	77 37	22 62	
"	8	"	34742	R. Hessey, Petrolia.....	3	"	15	Elliott Marr, London.....	+ 163 + 151 8	8 35	80 12	19 88	
"	11	"	34748	S. M. Fleet, Ingersoll	3	"	38	St. Lawrence Starch Co.....	+ 159 + 154 0	4 73	78 72	21 28	
"	11	"	34753	P. J. Sherry, Ingersoll.....	2½	lb	18	Land Kerrigan & Co., London.....	+ 46 - 16 0	46 18	81 48	19 52	

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

Jan.	18	Table Syrup	35791	Sla-or & McTaggart, Winnipeg	2	lb.	20	A. Lyle & Sons Ltd., London, Eng.	+ 23 6	- 22 0	34 03	79 64	20 36
"	18	"	35792	McDowell & Grant, Winnipeg.	5	"	30	Edwardsburg Starch Co., Cardinal.	+ 160 + 156 2	9 55	78 32	21 68	
"	18	"	35793	T. J. Davis, Winnipeg.....	5	"	35	" " ..	+ 128 + 116 6	8 50	81 96	18 04	
"	18	"	35794	T. Goody, Winnipeg.....	5	"	50	" " ..	+ 143 + 138 6	4 03	79 12	20 88	
"	18	"	35795	R. D. Cuthbert, Winnipeg ...	5	"	25	" " ..	+ 140 + 136 4	2 69	79 12	20 88	

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

Jan.	12	Table Syrup	35371	A. Brand, Calgary	2lb. tin	20	Edwardsburg Starch Co., Cardinal.	.....	+ 134	+ 125.4	6.41	79.20	20.80
"	12	"	35372	Golden West Grocery, Calgary	2 "	15	St. Lawrence Starch Co. Ltd., Port Credit O.	.....	+ 142	+ 130.0	8.95	78.72	21.28
"	12	"	35373	P. W. Garnot, Calgary.	2 "	15	"	.....	+ 150	+ 139.7	15.15	78.28	21.72
"	12	"	35374	S. G. Freeze, Calgary.....	2 "	25	Abraam Lyle & Son Star. Co., London, Eng.	.....	+ 31	- 14.3	33.80	71.04	18.96
"	12	"	35375	Co-operative Store, Calgary....	2 "	25	"	.....	+ 23	- 17.6	30.39	70.86	19.14

DISTRICT OF VANCOUVER—J. F. POWER, INSPECTOR.

Jan.	:6	Table Syrup	37556	J. A. Dickie, Vancouver ...	1 tin.	15	Edwardsburg Starch Co., Cardinal.	Guaranteed pure and whole- some.	+ 148	+ 144.7	0.22	77.37	22.63
"	26	"	37557	C. Turner, Vancouver.....	1 "	15	St. Lawrence Starch Co. ...	Guaranteed 90 p. c. Pure Corn Syrup and 10 p. c. Pure Cane Syrup.	+ 147	+ 133.0	10.04	77.32	22.68
"	:6	"	37558	J. May, Vancouver.....	1 "	20	Ramsay Bros. & Co., succe- sors to Imperial Syrup Co., Vancouver.	Guaranteed Sugar. Cane Syrup.	+ 102.5	+ 46.8	41.60	80.60	19.40
"	26	"	37559	J. R. Gosling, Vancouver.....	1 "	20	A. Lyle & Sons Ltd., London Eng.	Guaranteed pure in every respect.	+ 20.1	- 19.8	29.77	83.84	16.16
"	26	"	37560	H. A. Edgette Co., Ltd., Van- couver.	1 "	25	Vancouver Syrup & Candy Co.	.....	+ 62	- 15.4	57.76	68.68	31.32

DISTRICT OF VICTORIA—D. O'SULLIVAN, INSPECTOR.

Jan.	23	Table Syrup	39279	Fred Carne, Victoria	2 lb ..	25	Westburn Sugar Refineries, Greenock, Eng.	Westburn Golden Syrup warranted pure.	+ 24	- 21.6	34.03	82.88	17.12
"	23	"	39280	"	2 "	25	Ramsay Bros & Co., Ltd., Vancouver.	Manilla Drips. Guaranteed Sugar Cane Syrup.	+ 58.8	+ 14.3	34.20	75.48	24.52
"	25	"	39281	The Saunders Grocery Co., Ltd., Victoria.	1 qt.	25	Edwardsburg Starch Co., Cardinal.	" " " " Brand	+ 150.8	+ 147.5	2.47	77.37	22.63
"	25	"	39282	Dixie H. Ross & Co., Victoria..	1 "	35	Pacific Coast Syrup Co., San Francisco, Cal.	Ten Golden Drips. com- posed of sugar. Sugar Cane and Corn Syrup.	+ 91.6	+ 20.9	52.76	76.87	22.13
"	25	"	39283	The West End Grocery Co. Ltd., Victoria.	2 lb	20	Abraham Lyle & Sons Ltd., London, Eng.	Lyles Golden Syrup. war- ranted.	+ 23.6	- 22.0	34.03	81.96	18.04