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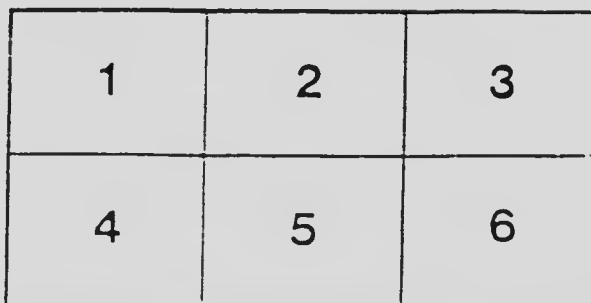
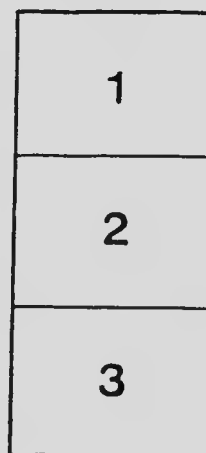
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 307

UNFERMENTED GRAPE JUICE

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 307

UNFERMENTED GRAPE JUICE

J. U. VINCENT, Esq.,
Deputy Minister
Inland Revenue,

OTTAWA, March 11, 1915.

SIR,—I beg to hand you a report dealing with one hundred and eleven samples (111) of Unfermented Grape Juice as sold in Canada. These samples were purchased by our inspectors in October, November and December of last year.

Our last systematic inspection of this article was made in 1908, when work upon seventy (70) samples was reported (Bull. 166). Since that time Grape Juice appears to be in larger demand, if one may judge by the number of places in which it is offered for sale.

The present collection represents twenty-one (21) different brands, as below:—

Brand.		Number of Samples.
Bass Island.....	Bass Island Vineyard Co., Sandusky, Ohio.....	2
E. D. S.....	E. D. Smith, Winona, Ont.....	12
Fremont.....	The Fremont Grape Juice Co., Fremont, Ohio.....	4
Glassco's.....	Glassco's Limited, Hamilton and Oakville.....	2
Imperial.....	Hagar Bros., Welland, Ont.....	1
Liggett's.....	United Drug Co., Toronto, Ont.....	5
P. Leos.....	Peter Leos, Collingwood, Ont.....	1
McLaughlin.....	J. J. McLaughlin, Limited, Toronto, Ont.....	2
Noyes.....	Grape Juice Co., Niagara Falls.....	1
Pelee Island.....	Pelee Island Wine and Vineyard Co., Brantford and Pelee Island, Ont.....	2
Randalls Gold Medal.....	Randall Grape Juice Co., Jordan, Ont.....	8
Red Wing.....	Puritan Food Products, Fredonia, N. Y.....	7
Royal.....	Ontario Grape Growing and Wine Mfg. Co., St. Catharines, Ont.....	1
Royal Purple.....	J. Hungerford Smith Co., Rochester, N. Y.....	1
Schuhles.....	Schuhles Pure Grape Juice, Highlands, N. Y.....	7
Shirriffs.....	Shirriffs, Toronto, Ont.....	4
Sterling.....	T. A. Lytle Co., Toronto, Ont.....	1
Top Notch.....	Armours Co., Ltd., Chicago, Ill.....	9
Walker.....	The Grape Products, North East, Pa.....	3
Walker.....	Walker Grape Products Co., Erie, Pa.....	10
Welch.....	Welch Grape Juice Co., Westfield, N. Y.....	28
Total.....		111

owing to the large amount of work in arrears here, and to the labour involved in making a complete analysis of this article, I have not considered it necessary to make a full examination of every sample; but a sufficient number of samples of each brand has been examined, to form a basis for judgment.

The results show that, for the most part, Unfermented Grape Juice is true to name, and is rendered marketable by sterilization and hermetic sealing. With very few exceptions the alcohol content is below the legal limit of two per cent (2 p. c.) volume; and in many instances, mere negligible traces are found. Exceptions are Nos. 63536, 63931, (Pelee Island) and 63967 (Sterling)

The other legal requirements for grape juice are as follows:—

Specific gravity, between 1·0400 and 1·1240 at 20°C.

Total sugars between 7 and 28 per cent stated as reducing sugars.

Ash between 20 and 55 centigrammes per 100 cubic centimetres; phosphoric (as P₂O₅) between 15 and 70 milligrammes per 100cc. With very few exceptions, these limits are met by the samples now reported. The exceptions, which in all cases are small, indicate additions of sugar or water or both to the grape juice.

I beg to recommend publication of this report as Bulletin No. 307.

I have the honour to be, Sir

Your obedient servant,

A. MCGILL,

Chief Analyst.

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.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF NOVA SCOTIA—

1914.								
Dec. 29	Unfermented Grape Juice.	54226	National Drug and Chem. Co., Halifax.	3 bts.	0 25	Welch Grape Juice Co., Westfield, N.Y.		Welch...
1915.								
Jan. 12	" ..	54227	S. F. Courtney & Co., Halifax.	3 "	0 30	J. Schuhles, Highland, N.Y.	John Tobin & Co., Halifax.	Schuhles..
" 14	" ..	54228	G. C. McDougall, Kentville.	3 "	0 60	United Drug Co., Toronto.		Liggett's..

DISTRICT OF NEW BRUNSWICK—

1914.								
Nov. 9	Unfermented Grape Juice.	59611	National Drug and Chem. Co., St. John.	3 bts.	0 60	J. J. McLaughlin, Ltd., Toronto.		McLaughlin's.
" 11	" ..	59612	Canadian Drug Co., Ltd., 70 Prince William St., St. John.	3 "	1 00	Welch Grape Juice Co., Westfield, N.Y.		Welch...
" 20	" ..	59613	C. H. Burt, 332 Queen St., Fredericton.	3 "	0 75	E. D. Smith, Winona.		E. D. S...
" 26	" ..	59614	A. V. Checchi, Water St., St. Stephen.	3 "	0 75	Welch Grape Juice Co., Westfield, N.Y.		Welch...
Dec. 9	" ..	59615	Leger Drug Co., Ltd., Main St., Moncton.	3 "	0 60	Randall Grape Juice Co., Jordan, Ont.		Randall's.

DISTRICT OF PRINCE EDWARD ISLAND—

Oct. 24	Unfermented Grape Juice.	60156	Beer & Goff, Charlottetown.	3 pints	1 05	Welch Grape Juice Co., Westfield, N.Y.		Welch...
" 27	" ..	60157	W. W. Walker, Charlottetown.	3 "	0 90	Shirriff, Toronto.		Shirriff's..
" 27	" ..	60158	Johnson & Johnson, Charlottetown.	3 bts.	0 45	Walker Grape Products Co., Erie, Pa.		Walker's..
" 30	" ..	60159	Geo. E. Hughes, Charlottetown.	3 qts.	2 25	Vendor.....		Randall's.

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.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF QUEBEC—

1914.								
Nov.	3	Unfermented Grape Juice.	60709 O. Lacroix, 19 Rue St. Joseph, Quebec.	3 bots.	0 90	Louis Frère & Cie, Bordeaux.	H. Turcotte & Cie.	E. D. S.
"	3	"	60710 A. Grenier, 34 Rue St. Jean, Quebec.	3 "	1 05	Welch, Westfield, N. Y.	Lyman's, Ltd., Montreal.	Welch ...
"	9	"	60711 Els. Turcotte, 74 Rue Desbrosses, Quebec.	3 "	0 30	Walker Grape Fruit.	"	Walker's.
"	9	"	60712 C. Rivierin, 55 Rue de la Couronne, Quebec.	3 "	0 60	"	"	"
"	9	"	60713 T. E. Charas, 264 Rue St. Joseph, Quebec.	3 "	0 30	Howe & McIntyre, Montreal.	"	Welch ...

DISTRICT OF THREE RIVERS—

Oct.	23	Grape Juice.	2620 I. T. Gaudet, Joliette.	3 bot.	1 15	Welch Grape Juice Co., Westfield, N. Y.	"	Welch ...
"	21	"	2621 C. Barette, Joliette.	3 "	75	Hellerleigh, Winona, Ont.	"	E. D. S.
"	29	"	2622 Archibald Duf, Charlemagne.	3 "	1 80	Welch Grape Juice Co., Westfield, N. Y.	"	Welch ...
"	29	"	2647 O. Carignan, Three Rivers.	3 "	60	"	"	"
"	29	"	2685 R. W. Williams, Three Rivers.	3 "	1 05	"	"	"

DISTRICT OF WEST QUEBEC—

Nov.	2	Grape Juice.	215 St. Agathe Ice Cream Parlor Co., St. Agathe, des Monts.	3 bot.	75	Shirriff's.	"	Shirriff's.
"	2	"	218 F. D. Hall, St. Agathe, des Monts.	3 "	30	Walker's.	"	Walker's.

DISTRICT OF MONTREAL—

Dec.	2	Unfermented Grape Juice.	62535 D. Nassapulos, 231 Craig st. w., Montreal.	3 bot.	90	Welch Grape Juice Co., Westfield, N. Y.	"	Welch ...
"	2	"	62536 G. Tsipanas, 80 Wind sor st., Montreal.	3 "	75	J. J. McLaughlin, Ltd., Toronto.	"	McLaughlins.
"	2	"	62537 Jaseby's Drug Store, 293 St. Catherine st. w., Montreal.	3 "	1 00	Schubles Grape Juice Co., Highland Ulster Co., N. Y.	"	Schubles.

UNFERMENTED GRAPE JUICE.

Results of Analysis.

Sp. Gr. of Juice	Sp. Gr. of Distillate.	Alcohol by Volume.	Extract.					Mulligrams Phosphoric Acid per 100cc.	Preservative.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
			Sp. Gr. of De-alcoholized Juice.	From Sp. Gr. of De-alcoholized Juice.	By drying 24 hours at 100° C.	Ash per 100cc.	Acidity as Tartaric per 100cc.					

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

1.107	0.9996	0.26	1.110	28.67	24.7	0.230	0.90	1.17	23.85	33	None.	None.	60709	Genuine.
1.071	0.9998	0.13	1.071	18.43	14.88	0.230	0.90	1.17	15.78	24	"	"	60710	"
See Sample	No.	61175											60711	
1.055	0.9995	0.33	1.060	15.55	11.95	0.230	1.06	1.06	12.04	28	None.	None.	60712	"
See Sample	No.	59612											60713	

DR. V. P. LAVALLEE, INSPECTOR.

See Sample	Nos.	55113, 60710, 63515, 2622, 63955, 60156,											2620	
1.100	0.9992	0.53	1.105	28.41	21.67	0.230	1.28	1.28	19.56	52	None.	None.	2621	Genuine.
1.063	0.9986	0.93	1.077	20.0	14.28	0.225	0.89	1.44	14.44	44	"	"	2622	"
See Sample	No.	2620											2647	
See Sample	No.	2620											2685	

X. COLFUX, INSPECTOR.

1.075	0.9996	0.26	1.078	20.26	17.44	0.225	0.833	1.73	17.33	43	None.	None.	215	Genuine.
See Sample	No.	61175											218	

D. J. KEARNEY, INSPECTOR.

See Sample	No.	2620											62535	
See Sample	No.	59611											62536	
See Sample	No.	64610											62537	

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.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF MONTREAL—

1914.								
Dec.	3	Unfermented Grape Juice.	62538 Ed. Tessier, 982 St. Catherine st., east, Montreal.	3 bot.	75	Randall Grape Juice Co., Jordan, Ont.	.....	Randall's.
"	4	"	62539 J. A. Demetie, 1494 St. Lawrence Boul., Montreal.	3 "	1 00	E. D. Smith, Winona, Ont.	.....	E. D. S...
"	10	"	62540 J. W. Harding, 46 St. Alexander, st., Montreal.	3 "	75	Puritan Food Products Co., Inc., Fredonia, N.Y.	.....	Red Wine
"	11	"	62541 G. Demetie, 500 St. Catherine st. e., Montreal.	3 "	2 75	Armours	.....	Top Notch
"	14	"	62542 Freeman's Drug Store, 27 St. Catherine st. west, Montreal.	3 "	1 20	Welch Grape Juice Co., Westfield, N.Y.	.....	Welch....
"	14	"	62543 J. H. Goulden, 471 St. Bleury st., Montreal.	3 "	1 00	Schuhles Pure Grape Juice Co., Highland, Ulster Co., N.Y.	.....	Schuhle's.
"	14	"	62544 F. J. Payette, 385 St. Bleury st., Montreal.	3 "	45	E. D. Smith	.....	E. D. S...

DISTRICT OF VALLEYFIELD AND ST. HYACINTHE—

Nov.	11	Grape Juice.	63016 The Daly Grocery Co., Stanstead,	3 bot.	1 05	Schuhles P.G.J. Co., Highland, N.Y.	.....	Schuhle's.
"	17	"	62886 F. W. Warwick, Grocer, Buckingham.	3 "	75	Welch Grape Juice Co., Westfield, N.Y.	.....	Welch....
"	18	"	62887 W. R. Simpson, Grocer, St. Johns.	3 "	90	Puritan Food Products Co., Inc.	.....	Red Wine
"	23	"	63017 G. Brosseau Girouard, St. Hyacinthe.	3 "	0 75	E. D. Smith, Winona, Ont.	.....	E.D.S....
"	24	"	63018 Bray Bros, Wellington St., Sherbrooke.	3 "	1 05	Welch Grape Juice Co., Westfield, N.Y.	.....	Welch....
"	24	"	63019 " " "	3 "	0 90	"	.....	"
"	25	"	63020 J. E. Dozois, Main St., Granby.	3 "	1 00	E. D. Smith, Winona, Ont.	.....	E.D.S....
Dec.	9	"	62839 James Fortune, Huntingdon.	3 "	1 05	Welch Grape Juice Co., Westfield, N.Y.	.....	Welsh....

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).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF OTTAWA--

1914.								
Oct.	24	Unfermented Grape Juice.	63536	W. D. MacLennan, Kemptville.	3 bot.	1 50	Pelee Isl. Wine & Vineyard Co., Pelee Island.	Pelee Isl. and.
"	31	"	63537	O. C. Abott, Smith's Falls.	3 "	1 50	Hagar Bros, Welland, Ont.	Imperial Brand.
Nov.	6	"	63538	E. D. Story, Ottawa...	3 "	0 60	Walker's Grape Products, Erie, Pa.	F. Bradley, Ottawa Agent. Walker's.
"	6	"	63539	D. S. Johnston, Rideau St., Ottawa.	3 "	0 60	Welsh Grape Juice Co., Westfield, N.Y.	Ottawa Drug Co., Ottawa. Welch...
"	6	"	63540	T. W. Collins, Ottawa.	3 "	0 60	Schuhles, P.G.J. Co., Inc., Highland, Ulster Co., N.Y.	Schuhle's. Contains about 2 % gran. sugar.
"	6	"	63541	Allen & Cochrane, Walker St., Ottawa.	3 "	1 80	United Drug Co., Toronto.	Liggett's.
"	7	"	63542	E. M. Ahern, Ottawa.	3 "	0 45	E. D. Smith, Winona, Ont.	E.D.S.
"	7	"	63543	Bryson Graham, Ltd., Ottawa.	3 "	0 99	Armour & Co., Chicago.	Top Notch Brand.
"	7	"	63544	"	3 "	0 75	Ont. Grape Juice Co., Niagara Falls.	Noye's....
"	7	"	63545	N. W. Campbell, Ottawa.	3 "	1 90	Welsh Grape Juice Co., Westfield, N.Y.	Welch....

DISTRICT OF KINGSTON--

Nov.	2	Unfermented Grape Juice.	61565	F. L. Hooper, Napanee.	3 "	1 05		Red Wing Brand.
"	2	"	61566	T. B. Wallace, Napanee.	3 "	1 20		"
"	3	"	61567	D.M. Waters, Belleville.	3 "	1 05		"
"	3	"	61568	W. Burnett, Cobourg.	3 "	0 75	Glassco's, Hamilton.	Glassco's..
"	4	"	61569	The Warne Drug Co., Peterboro.	3 "	1 05	Welsh's, Westfield, N.Y.	Welch....

UNFERMENTED GRAPE JUICE.

Result of Analysis.

Sp. Gr. of Juice.	Sp. Gr. of Distillate.	Alcohol by volumes.	Sp. Gr. of De-alcoholized juice.	Extract.		Ash per 100cc.	Acidity as Tartaric per 100cc.	Reducing Sugars per 100cc.	Milligram Phosphoric Acid per 100cc.	Preservatives.	Dyes.	No. of Sample.	Remarks and opinion of the chief Analyst.
				From Sp. Gr. of De-alcoholized Juice.	By drying 24 hours at 100° C.								

J. A. RICKEY, INSPECTOR.

1 1366	0.9935	4.63	1.1431	37.05	36.49	0.200	0.900	20.24	26	None.	Pre-sent.	63536	Slight excess Sugars, and is dyed. Excess Alcohol.
1 085	0.9990	0.07	1.085	22.36	19.84	0.210	0.908	20.90	13	"	None.	63537	Slightly low in phosphoric acid. Otherwise Genuine.
See	Sample	No.	61175	.....	.....	.....	.....	.....	.....	.....	.....	63538	
"	"	"	63018	.....	.....	.....	.....	.....	.....	.....	.....	63539	
"	"	"	64610	.....	.....	.....	.....	.....	.....	.....	.....	63540	
1 075	0.9997	0.20	1.077	20.00	16.82	0.270	0.823	16.79	44	None.	None.	63541	Genuine.
See	Sample	No.	63017	.....	.....	.....	.....	.....	.....	.....	.....	63542	
1 072	0.9996	0.26	1.076	19.73	14.73	0.210	0.855	15.15	42	None.	None.	63543	Genuine.
1 068	0.9996	0.26	1.070	18.16	13.75	0.200	1.15	15.55	12	"	"	63544	Genuine, except that phosphoric acid is slightly low.
1 067	0.9994	0.40	1.073	18.95	14.21	0.240	0.95	15.90	55	"	"	63545	Genuine.

JAMES HOGAN, INSPECTOR.

See	Sample	No.	61566	.....	.....	.....	.....	.....	.....	.....	.....	61565	
1 084	0.9996	0.26	1.088	22.88	17.50	0.230	1.01	19.80	18	None.	None.	61566	Genuine.
See	Sample	No.	61566	.....	.....	.....	.....	.....	.....	.....	.....	61567	
1 1219	1.000	None.	1.1219	30.43	24.40	0.30	1.43	24.63	35	None.	None.	61568	Genuine.
See	Sample	No.	63018	.....	.....	.....	.....	.....	.....	.....	.....	61569	

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.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF TORONTO—

1914.								
Nov. 16	Grape Juice.	64601	Peter Leos, Collingwood St. east, Toronto.	3 bots.	0 45	Vendor		P. Leos
" 20	"	64602	The Northway Co., Ltd., Orillia.	3 "	0 75	Randall Grape Juice Co., Jordan, Ont.		Randall's
" 21	"	64603	H. J. Buchanan, Barrie.	3 "	0 90	Welch Grape Juice Co., Westfield, N.Y.		Welch
" 24	"	64604	D. H. Bee, 240 Gerrard St. east, Toronto.	3 "	0 75	Glassco Ltd., Hamilton.		Glassco
" 25	"	64605	Jordan & Saunders, 290 Dundas St., Toronto.	3 "	0 85		John Sloan & Co., Toronto.	Red Wing Brand.
" 26	"	64606	Swan Bros., 162 King St. east, Toronto.	3 "	0 90	Armour & Co., Chicago.		Top Notch
" 26	"	64607	J. Hungerford Smith Co., 19 Alice St., Toronto.	3 "	0 75	Hungerford Smith Grape Juice Co., Rochester, N.Y.		Royal Purple.
" 26	"	64608	Liggett's Ltd., 2243 Yonge St., Toronto.	3 "	0 90	Randall Grape Juice Co., Jordan, Ont.		Randall's
" 26	"	64609	The T. Eaton Co., Ltd., 190 Yonge St., Toronto.	3 "	0 90	Bass Island Vineyard Co., Sandusky, Ohio.		Bass Island.
" 26	"	64610	McLaren Imperial Cheese Co., 69 Front St. east, Toronto.	3 "	0 51	Schuhles P.G.J. Co., Highland, N.Y.		Schuhle's

DISTRICT OF HAMILTON—

Nov. 3	Unfermented Grape Juice.	64537	J. A. Armour, 889 2nd Ave. east, Owen Sound.	3 bots.	0 75	E. D. Smith, Winona, Ont.		E. D. S.
" 10	"	64538	E. E. Fisher & Sons, Dundas.	3 "	0 75	Randall Grape Juice Co., Jordan, Ont.		Randall's
" 10	"	64539	A. A. Adams, 270 King St. east, Hamilton.	3 "	0 57		Imperial Extract Co., Toronto.	Imperial.
" 10	"	64540	H. Taylor, 563 King St. east, Hamilton.	3 "	0 75		A. A. Adams, Hamilton.	Schuhle's.
" 10	"	64541	John Carpenter, Market Square, Hamilton.	3 "	0 75	Ontario Grape Growing and Wine Mfg. Co., St. Catharines.		Royal

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).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF WINDSOR—

1914									
Nov.	3	Unfermented Grape Juice.	63931 J. D. McKenzie, Woodstock.	3	bots.	2	25	J. S. Hamilton, Brantford.	Pelee Island.
"	4	"	63955 J. Gustin, Simcoe.	3	"	0	90	Welch Grape Juice Co., Westfield, N.Y.	Welch
"	6	"	63967 J. A. Gillett, Aylmer, Ont.	3	"	0	90	T. A. Little Co., Toronto.	Sterling
"	6	"	63972 H. G. Charlton, Aylmer, Ont.	3	"	0	60	Armour Co., Chicago.	Top Notch

DISTRICT OF MANITOBA—

Oct.	27	Unfermented Grape Juice.	61172 D. W. Bradshaw, Portage ave., Winnipeg.	3	bots.	90	Walker Grape Products Co., Erie, Pa.	Walker's	Walker's
"	27	"	61173 McCullough Drug Store, Portage and Sherbrooke sts., Winnipeg.	3	"	1	05	Welch Grape Juice Co., Westfield, N.Y.	Welch
"	27	"	61174 " " " "	3	"	1	05	Walker Grape Products Co., Erie, Pa.	Walker's
"	27	"	61175 Brookings Drug Store, Osborne st., Winnipeg.	3	"	1	05	The Grape Products Co., North East, Pa.	"
"	27	"	61176 Hardy & Buchanan, Osborne st., Winnipeg.	3	"	90	Welch Grape Juice Co., Westfield, N.Y.	Welch	Welch
"	28	"	61177 E. Nesbitt, druggist, 587 Sargent ave., Winnipeg.	3	"	1	05	Walker Grape Products Co., Erie, Pa.	Walker's
"	28	"	61178 The Sargent Pharmacy, Sargent ave., Winnipeg.	3	"	90	Armour & Co.	Hudson's Bay Co., Winnipeg.	Top Notch
"	28	"	61179 H. D. Campbell, Main st., north, Winnipeg.	3	"	1	05	Walker Grape Products Co., Erie, Pa.	Walker's
"	29	"	61180 The Gordon Mitchell Drug Co., 336 Portage ave., Winnipeg.	3	"	75	Shirrieffs, Toronto.	Shirrieffs	Shirrieffs
"	29	"	61181 " " " "	3	"	90	Welch Grape Juice Co., Westfield, N.Y.	Welch	Welch

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).
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF SASKATCHEWAN —								
1914.								
Oct. 28	Grape Juice	64957	S. Miller, Prince Albert	3 pints	1 25	Randall Grape Juice Co., Jordan, Ont.		Randall Gold Medal Walker's
" 30	"	64969	Saskatoon Liquor Co., Saskatoon.	3 "	90	Walker Grape Products Co., Erie, Pa.	Swift-Canadian Co., Winnipeg.	
Nov. 3	"	64068	W. H. Birt, Pense....	3 "	75	E. D. Smith, Winona, Ont.		E.D.S....
" 4	"	64085	Gold Coin Liquor Store, Moose Jaw.	3 "	1 20	Puritan Food Products Co., Fredonia, N.Y.	Codville Co., Moose Jaw	Red Wing Brand
" 4	"	64086	Moose Jaw Drug and Stationery Co., Moose Jaw.	3 "	1 20	United Drug Co., Toronto.		Liggett Brand.

DISTRICT OF ALBERTA—

Nov. 18	Unfermented Grape Juice.	52029	Pryce Jones (Canadian) Ltd., Calgary.	3 bots.	1 20	Armour & Co., Chicago.		Top Notch
" 19	"	52030	Wendell Maclean, Calgary.	3 "	1 20	Welch Grape Juice Co., Westfield, N.Y.		Welch....
" 25	"	52031	Young Bros., Canrose	3 "	75	The Grape Products Co., North East, Pa.		Walker's..
" 26	"	52032	Montgomery Bros., Wetaskiwin.	3 "	1 05	Fremont Grape Juice Co., Fremont, Ohio.		Fremont..
" 27	"	52033	A. M. Campbell, La combe.	3 "	1 20	Welch Grape Juice Co., Westfield, N.Y.		Welch....

DISTRICT OF ROCKY MOUNTAINS—

Nov. 10	Grape Juice.	61701	E. W. Hazlewood, Trail.	3 bots.	1 80	United Drug Co., Toronto.		Liggett Brand.
" 10	"	61702	Trail Grocery Co., Trail.	"	1 35	Welch Grape Juice Co., Westfield, N.Y.		Welch....
" 10	"	61703	" " "	"	1 20	Fremont Grape Juice Co., Fremont, Ohio.		Fremont..
" 23	"	61724	Western Liquor Co., Kamloops.	"	2 25	Bass Islands Vineyard Co., Sandusky, Ohio.		Bass Island
" 23	"	61725	Hudson's Bay Co., Kamloops.	"	1 00	Armour & Co., Chicago.		Top Notch.

UNFERMENTED GRAPE JUICE.

Results of Analysis.													Remarks and Opinion of the Chief Analyst.		
Sp. Gr. of Juice	Sp. Gr. of Distillate.	Alcohol by Volume.	Sp. Gr. of De-alcoholized Juice.	Extract.			Ash per 100cc.	Acidity as Tartaric per 100cc.	Reducing sugars per 100cc.	Milligram Phosphoric Acid per 100cc.	Preservative.	Dyes.		No. of Sample.	
				From Sp. Gr. of De-alcoholized Juices.	By drying 24 hours at 100°C.										
L. H. HALL, INSPECTOR.															
See	Sample	No.	60159,	62013										64057	
	"	"	61175											64069	
	"	"	55112,	60709,	64537,	2621								64078	
	"	"	61566											64085	
	"	"	61701,	63541										64086	
A. W. R. MARKLEY, INSPECTOR.															
See	Sample	No.	55114,	63543										52029	
	"	"	61173											52030	
	"	"	61175											52031	
1064	0.9999	0.07	1.068	17.64	14.59	0.260	0.968	14.40	27	None.	None.			52032	Genuine.
See	Sample	No.	61173											52033	
THOS. PARKER, INSPECTOR.															
1065	0.9999	0.07	1.065	16.83	13.43	0.245	0.902	14.09	36	None.	None.			61701	Genuine.
See	Sample	Nos.	55113,	60710,	63545,	2622,	63955,	60156,						61702	
	"	"	55111,	52032										61703	
1077	1.000	None.	1.077	20.00	16.04	0.215	1.05	18.70	23	Sulphurous Acid.	None.			61724	Genuine, but contains sulphites.
See	Sample	Nos.	55114	63543										61725	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion).
				Quantity.	Cost.	

DISTRICT OF VANCOUVER—

1911.							
Oct. 27	Grape-Juice.	55111	J. P. Sinclair, corner Commercial Dr. and 14th Ave., Vancouver.	3 bts.	0 90	Fremont, G. J. Co., Fremont, Ohio.	Fremont's
" 28	"	55112	F. Lyons, Commercial Dr., Vancouver.	"	0 60	E. D. Smith, Winona, Ont.	E.D.S.
" 29	"	55113	T. W. Turner, 890 Pender St., Vancouver.	"	1 00	Welch, G. J. Co., Westfield, N. Y.	Welch
" 29	"	55114	W. H. Walsh, corner Davie and Seymour St., Vancouver.	"	0 75	Armour & Co., U.S.A.	Top Notch
" 29	"	55115	A. Murphy & Co., 1102 Granville St., Vancouver.	"	0 75	The Randall, G. J. Co., Jordan, Ont.	Randall's

DISTRICT OF VICTORIA—

Nov. 5	Grape-Juice.	62001	The Windsor Grocery Co., 817 Govt. St., Victoria.	3 pts.	1 05	Armour & Co., Chicago.	Top Notch Brand.
" 6	"	62008	The West End Grocery Co., 1002 Govt. St., Victoria.	3 bts.	1 00	Welch Grape Juice Co., Westfield, N. Y.	Welch's
" 9	"	62012	Copas & Young, corner Broad and Fort Sts., Victoria.	"	0 75	Fremont Grape Juice Co., Fremont, Ohio.	Fremont
" 9	"	62013	" " " " " "	"	0 75	Randall Grape Juice Co., Jordan, Ont.	Randall's Gold Medal Brand
" 11	"	62022	Acton Bros., 1317 Douglas St., Victoria.	"	0 75	E. D. Smith, Winona, Ont.	E.D.S.

UNFERMENTED GRAPE JUICE.

Results of Analysis.

Sp. Gr. of Juice.	Sp. Gr. of Distillate.	Alcohol by Volume.	Sp. Gr. of De-alcoholized Juice.	Extract.			Acidity as Tartaric per 100cc.	Reducing sugars per 100cc.	Milligram Phosphoric Acid per 100cc.	Preservative.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
				From Sp. Gr. of De-alcoholized Juice.	By drying 24 hours at 100° C.	Ash per 100cc.							

E. J. MORGAN, INSPECTOR.

1.061	1.000	None.	1.060	15.5	13.38	0.315	1.18	13.58	28	None.	None.	55111	Genuine.
1.121	1.000	"	1.119	31.0	26.30	0.265	1.24	26.70	25	"	"	55112	Genuine.
1.066	0.9996	0.66	1.077	20.0	13.90	0.210	0.88	14.67	22	"	"	55113	Genuine.
1.065	0.9992	0.53	1.073	18.95	14.30	0.270	1.00	14.27	41	"	"	55114	Genuine.
See	Sample	Nos.	60159, 62013	.....	.....	.....	.....	.....	.....	.....	.....	55115	

D. O'SULLIVAN, INSPECTOR.

See	Sample	Nos.	55114, 63543	.....	.....	.....	.....	.....	.....	.....	.....	62003	
"	"	"	61702	.....	.....	.....	.....	.....	.....	.....	.....	62008	
"	"	"	55111, 52032	.....	.....	.....	.....	.....	.....	.....	.....	62012	
1.084	0.9996	0.26	1.088	22.88	17.00	0.220	1.08	18.60	32	None.	None.	62013	Genuine.
See	Sample	Nos.	55112, 60709, 64537, 2621	.....	.....	.....	.....	.....	.....	.....	.....	62022	

