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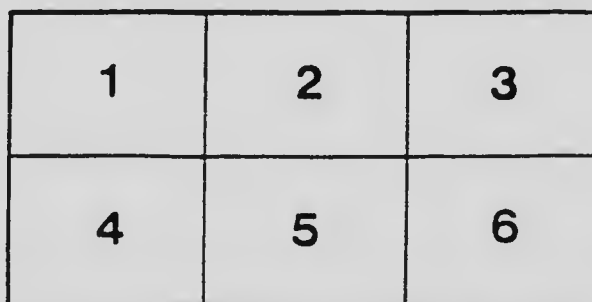
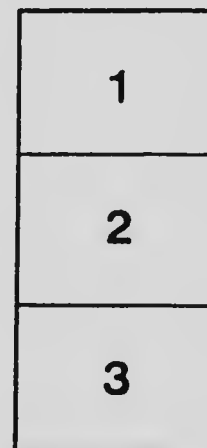
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 394

WINES AND LIQUORS

NOTES AND COMMENTS.

Under this heading, as occasion arises, the Bulletins issued by this Department will contain, as an appendix, such comment as may seem necessary or advisable upon matters relating to the work of the Department in connection with the administration of the Adulteration Act, the Fertilizers Act, the Feeding Stuffs Act or the Proprietary Medicines Act.

It frequently happens that correspondents ask information regarding the above Acts, of such nature that the matter in question possesses general interest, and comment upon it would prove acceptable and useful to others than the immediate questioner. In such cases the reply may find a place in these columns. For convenience of reference these notes will be numbered in series.

A. MCGILL,
Chief Analyst.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 394

WINES AND LIQUORS

OTTAWA, February 12, 1918.

J. U. VINCENT, Esq., K.C., B.A., L.Ph.,
Deputy Minister of Inland Revenue,

SIR,—I have the honour to hand you a report on 114 samples, purchased by various specific names, which may be included under the comprehensive title, Wines and Liquors.

An Order in Council of February 8, 1911 (published by this Department as Circular G. 947) defines the terms Wine, Beer, Whisky, Rum, Gin, etc., and the definitions given are consistent with the ordinary use of these terms. Recent legislation in several provinces of Canada has restricted or forbidden the sale of alcoholic liquors of the kinds referred to; and interested parties have, in some instances, placed on the market would-be substitutes for these, and have not hesitated to adopt the terms wine, beer, rum, etc., in describing such substitutes.

In consequence of such action, complaint has been made by purveyors of alcoholic liquors, and also by purchasers, who have been duped into buying wine which is not wine; whisky, which is not whisky, etc. Under the Order in Council above referred to, *Whisky*, *Brandy* and *Rum* are required to contain not less than 42.75 per cent (volume) of absolute alcohol, equivalent to 75 per cent by volume of proof spirit. *Gin* must contain not less than 37 per cent of absolute alcohol, equivalent to 65 per cent proof spirit.

Although a limit for alcohol is not fixed in the case of Wine, this article is defined as "the product of the normal alcoholic fermentation of the juice of sound ripe grapes, etc." Alcohol is therefore a constituent of Wine; and actual wines show amounts varying from about 10 to 20 per cent of proof spirit.

It was in order to ascertain the facts of the case that our inspectors were instructed, in June of last year, to investigate the matter; and the results of their investigation are herewith furnished to you.

So far as the name under which the article is sold is concerned, the samples may be classified as follows:—

Sold as Whisky.....	10 samples.
" " Rum.....	10 "
" " Gin.....	14 "
" " Wine.....	45 "
" " Alcohol.....	1 "
" " Brandy.....	12 "
" " Medicated Wine.....	3 "
" " Cordials, etc.....	11 "
" " Beer or Porter.....	8 "
Total.....	114 "

Fifty-three (53) samples are found to be true to name under which sold, and to meet legal standards for such article; thirteen (13) may be regarded as meeting the type, but are below standard requirements in one or other respect.

Thirty-nine (39) samples are clearly fraudulent, in the sense of claiming to be what they are not; while nine (9) samples I have judged as doubtful, in the absence of a standard for the term *Cordial*, under which name, or an apparent equivalent, these samples are sold.

Details are given below:—

Liquors which are below legal strength in alcohol (proof spirit):

	Number.	Sold as.	Proof Spirit strength.	Deficiency.	Opinion.
1	76676	Rum.....	71.06	3.96	Pass.
2	71075	Cognac.....	55.95	19.06	Adulterated
3	71081	Cognac.....	45.08	29.92	"
4	71084	Rum.....	50.74	24.26	"
5	73898	Brandy.....	57.09	17.91	"
6	77841	Port wine (unfermented).....	12.97	.....	"
7	68439	Whisky.....	60.99	5.01	Pass.
8	75832	Gin.....	61.32	3.68	"
9	75839	Gin.....	60.29	4.71	"
10	75841	Brandy.....	72.20	2.60	"
11	75836	Gin.....	48.70	16.30	Adulterated
12	75940	Gin.....	58.14	6.86	"
13	75941	Brandy.....	64.10	10.90	"

The Order in Council fixing limiting percentages for proof-spirit strength, provides that liquors having a spirit strength below the standard may be legally sold "when the actual percentage is legibly and distinctly marked on each and every package, parcel, bottle, or other container of such spirits."

In none of the cases above referred to is this condition fulfilled. I would, however, respectfully suggest that proceedings be not taken in cases where the deficiency does not exceed five (5) per cent. This is in accordance with usual procedure; but must be regarded as an act of clemency, and not as establishing a binding precedent.

The following samples are sold as *Cordials*, or by a name which may be regarded as equivalent to this:—

	Number.	Sold as.	Spirit strength.	Sugars.	Opinion.
1	72578	Mint Cordial.....	1.86	14.07	Doubtful.
2	72579	Pineola.....	1.39	17.39	"
3	72580	Orange.....	1.74	17.01	"
4	72581	Black Cherry.....	1.39	22.81	"
5	77912	Crème de menthe.....	1.86	35.81	"
6	77913	".....	none.	34.07	"
7	77993	Anisette.....	3.44	40.80	"
8	77995	Tipperary Punch.....	none.	14.10	"
9	78000	Crème de menthe.....	0.12	27.53	"

A cordial is generally understood to be an aromatized and sweetened spirit, used as a beverage, a liqueur, and is so defined by Webster. This authority furnishes an alternative definition; "Any invigorating and stimulating preparation, as a medicine, food or drink; as a peppermint cordial."

In the absence of any legally established definition of the term, I am unable to express a clear opinion as to the genuineness or otherwise of these articles. I am, however, convinced that such names as "Crème de Meathe" are generally understood to imply the presence of alcohol; and the sale of a non-alcoholic liquor under such a name should be regarded as adulteration.

Thirty-nine (39) samples are sold under names which are legally defined, and all of these samples are adulterated, in the sense that they are not what they claim to be.

Wines.—Wine is the product of the normal alcoholic fermentation of the juice of the grape. Twenty-seven (27) samples are sold as Wines; and these are not fermented; nor are they, in any case, products of the normal alcoholic fermentation of grape juice.

Gin.—Is a product of the distillation of alcohol from juniper berries, and should contain, along with the volatile oil of juniper, at least 65 per cent of proof spirit. Four (4) samples are sold as gin which fail to meet these requirements.

Brandy.—Is a product of the distillation of wine, and should contain at least 75 per cent of proof spirit. Three (3) samples are sold as brandy which fail to meet these requirements.

Porter.—Is required to possess a spirit strength of at least 6 per cent. Two (2) samples sold as porter contain less than 2 per cent.

One sample sold as *Whiskey*, one as *Rum*, and one as *Lager Beer*, fail to meet standard requirements for these beverages.

Doubtless these articles are manufactured and sold with intent to meet the requirements of provincial temperance legislation. They must, however, be compelled to bear properly descriptive names; otherwise they are adulterated under section 3 (d) of the Act.

All of these samples are technically adulterated. Whether or not it will be well to inflict penalty in these cases, I leave you to decide. I have expressed the opinion that they are not what they claim to be; and the above-quoted section of the Adulteration Act applies.

I would respectfully draw your attention to the fact, which becomes more and more evident as my correspondence increases, that in the majority of cases the manufacturers are meeting exceptional conditions to the best of their ability, and without any intention of violating the provisions of the Act.

Recent provincial temperance legislation has interfered with the legitimate business in alcoholic beverages, and it is not a matter of surprise that manufacturers should attempt to meet existing conditions.

Until our Act distinguishes between "misbranding" and "adulteration" I think it will be only fair to these people that the Department should exercise leniency in interpretation, and I would respectfully suggest that in all cases of technical adulteration of the kind referred to, no legal action be taken.

I beg to recommend publication of this report as Bulletin No. 394.

I have the honour to be, sir,

Your obedient servant,

A. MCGILL,
Chief Analyst.

BULLETIN No. 394—WINES AND LIQUORS.—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 (Is not an expression of Opinion)
				Quantity	Cents	Manufacturer	Furnisher	
DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.								
1917.								
Aug. 16	Scotch Whisky	76671	E. F. Sullivan, Halifax	3 bots	3 45	Jas. Buchanan & Co., Glasgow, Scot.	J. J. Bradley, Montreal	Black & White. Vendor is legal vendor.
15	Rum	76672	" " "	3 flasks	2 55	D. Finel, Jamaica.	" " "	Jamaica.
15	Gin	76673	" " "	7 bots.	1 95	John De Kuyper, Rotterdam, Holland.	" " "	De Kuyper's Gin
22	Rum	76674	Town of Bridgewater, Bridgewater	3 flasks	1 95	Unknown	L. Wilson, Montreal	Sunnyside Brand. Vendor are legal vendors.
22	Scotch Whisky	76675	" " "	3 bots.	3 30	S. R. McKenzie, Glasgow, Scot.	" " "	Chan McKenzie Brand.
31	Rum	76676	Jas. M. Power, Halifax	3 flasks	3 50	Unknown	" " "	Jamaica. Vendor is legal vendor.
31	Scotch Whisky	76677	" " "	3 flasks	3 00	Alex. McDonald Co., Scotland.	" " "	Sandy McDonald.
DISTRICT OF NEW BRUNSWICK—JOHN C. FERGUSON, INSPECTOR.								
July 17	Scotch Whisky	78001	The Canadiana Drug Co., N.B.	3 bots.	3 00	Whyte & Mackay, Glasgow, Scot.	" " "	Special Brand.
17	Port Wine	78002	" " "	3 "	2 25	" " "	R. Sullivan & Co., St. John, N.B.	Spanish Port Wine.
17	Alcohol	78003	" " "	3 "	1 50	Curby, Distillers, Belleville, Ont.	" " "	"
26	Walker's Rye Whisky	78004	J. W. Smith, St. Stephen, N.B.	3 "	1 50	" " "	J. J. Bradley, St. John.	"

17 Almond
 26 Walker's Rye Whisky
 78005
 78006
 78007
 78008
 78009
 78010
 J. J. Bradley, St. John.

26	Gin	78005	"	"	"	3	1.50	P. M. O'Neil, St. John.	St. John.
30	Brandy	78006	Nat. Drug and Chem. Co., St. John, N.B.	"	3	3.75	E. Reiny Martin & Co., Cognac, France.	John Hoyer & Co., Montreal.	Vendor under Prohibition Act.
30	Sherry Wine	78007	"	"	3	1.50	"	"	"
30	Jamaica Rum	78008	"	"	3	1.50	Daniel Finzi & Co., Kingston, Jamaica.	"	"
Aug. 10	Scotch Whisky	78009	C. L. Olmstead, Perth, N.B.	"	1 bot.	2.25	John Dewar & Sons, Perth, Scot.	"	"
11	Walker's Rye Whisky	78010	The Wiley Drug Co., Grand Falls, N.B.	"	3 bot.	1.75	Hiram Walker & Sons, Walkerville.	"	"

DISTRICT OF QUEBEC CITY—F. X. W. E. BELAND, INSPECTOR.

June 14	Cognac	71075	O. Bacon, 28 Rue Hermine, Quebec.	"	3 bot.	2.25	Paul Dugay Co.	Toussaint Co.	
14	Scotch Whisky	71076	"	"	3	2.25	Smith Bros. Co.	"	
14	Port Wine	71077	"	"	3	1.05	"	"	
14	Gin	71078	"	"	3	1.95	"	Lanctus & Parnis.	Red Top Brand.
June 14	Vin des Carmes	71079	Jérémie Pejun, Bagot and Massue, Quebec.	"	3 bot.	2.40	"	Toussaint Co.	
"	Gin	71080	"	"	3	4.20	"	J. B. Teller Co.	Bauch's Old Tom.
"	Cognac	71081	Jos. Vezina, 914 rue St. Valier, Quebec.	"	3	2.70	"	Joseph Co.	
"	Gin	71082	"	"	3	2.55	"	"	
"	Wilson's Wine	71083	C. Delisle, 2nd Ave., Quebec.	"	3	3.15	Wilson, Montreal.	"	
"	Rum	71084	"	"	3	2.70	"	M. Plante, Quebec.	Jamaica.

DISTRICT OF QUEBEC PROVINCE—O. BROCHU, N. CADIEUX, T. GENDREAU, TEMPORARY INSPECTORS.

June 21	Vin quinine	6450	Nap. Aubin, St. Damien	"	3 bot.	2.25	Red Cross Pharmacie, Quebec.		Barnes Extra.
"	Vin	6440	Pierre Simard, St. Jerome	"	3	1.05	"	"	"
"	Port Wine	7363	J. N. R. L'Esperance, Montmagny	"	3	1.05	Colonial Importation and Specialty Co., Montreal.	"	"
"	Blackberry Wine	7364	"	"	3	1.05	"	"	"
"	N. W. Cherry	7365	"	"	3	1.05	"	"	"
"	Sloe Gin	7366	"	"	3	1.05	"	"	"

BULLETIN No. 394—WINES AND LIQUORS.—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. (Is not an expression of Opinion.)
				Quantity.	Cents.		

DISTRICT OF EASTERN TOWNSHIPS—E. BLONDIN, TEMPORARY INSPECTOR.

1917.	June 14 Vin blanc.....	73886	Basinet Bros., St. Hyacinthe.....	3 bots.	1.50	L. G. Bright, Niagara Falls.	
"	" 14 Gin.....	73887	Bourgeois Co., St. Hyacinthe.....	3 "	1.25	Boivin, Wilson, Montreal.	
"	" 15 Brandy.....	73898	H. Messiers, fils, St. Hyacinthe.....	3 "	2.50	Chaput fils, Montreal.	
"	" 19 Vin Canadien.....	7610	L. H. Olivier, Sherbrooke.....	3 pts	1.50		Niagara Falls.
"	" 19 ".....	7611	D. W. Stansen, Sherbrooke.....	3 "	.90		St. David, Ont.
"	" 19 Brandy.....	7612	Lacroix, Sherbrooke.....	3 "	3.00	McNomeny, Sherbrooke.	
"	" 20 Vin Canadien.....	7613	Bernard, Son, Sherbrooke.....	3 "	.75	" "	
"	" 21 ".....	7619	E. Biron, Sherbrooke East.....	3 "	.75	" "	

DISTRICT OF MONTREAL—J. J. COSTIGAN, INSPECTOR.

Aug. 11	Port Wine.....	56473	H. Brooks, 137 Commissioner, Montreal.	3 bots.	2.00		Vin Supérieur.
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DISTRICT OF VALLEYFIELD - J. J. COSTIGAN, ACTING INSPECTOR.

July 17	Port Wine.....	74356	A. Dufresne, Lancaster, Ont.	3 bots.	1.50	Nectar Wine Co.....	Labelled Port Wine, un-fermented.
"	17 Grape Wine.....	74357	" " " " " " " "	3 "	1.50	" " " " " " " "	Labelled Grape Wine, un-fermented.
"	19 Port Wine.....	74358	A. Vallee, Alfred, Ont.	3 "	2.25	Verdon Fils & Co., Ottawa.	Labelled, Louis Gourdion & Fils, Paris, France.
"	19 Sloe Gin.....	74359	" " " " " " " "	3 "	3.00	Hamilton Importing Co.	Contains less than 23% Proof Spirit, also preservative.
"	19 Grape Wine.....	74360	" " " " " " " "	3 "	1.80	T. A. Lytle Co., Ltd.	

DISTRICT OF OTTAWA - J. A. RICEY, INSPECTOR.

June 30	Grape Wine.....	77527	T. R. Dunkin, Cornwall.....	2 bots.	50	Imperial Ext. Co., Toronto.	Red Seal, non-alcoholic.
July 7	" " " " " " " "	77547	Johnston's Cash Grocery, Brockville.	3 "	90	The T. A. Lytle Co., Toronto.	Unfermented, Sterling Brand.
"	16 Port Wine.....	77549	John Hughes, Prescott.....	3 "	1.20	" " " " " " " "	Contains not more than 1/10 of 1% Sod., Ben. and Colour.
"	17 Black Cherry Wine.....	77551	James O'Kelly, Ltd., Pembroke.....	3 "	1.50	Vendors	Unfermented, Sterling Brand.
"	17 Red Cherry Wine.....	77552	J. Wolfe, Pembroke.....	3 "	1.50	" " " " " " " "	California, non-alcoholic.
"	18 Black Cherry Wine.....	77555	" " " " " " " "	3 "	1.05	The T. A. Lytle Co., Toronto.	Unfermented, Sterling Brand.
"	28 Peach Wine.....	77566	The A. B. Scott Co., Smith's Falls.....	3 "	75	Turner & Co., Toronto.....	Unfermented.

DISTRICT OF KINGSTON - JAMES HOGAN, INSPECTOR.

June 12	Mint Cordial.....	72576	James McParland, Kingston.....	3 bots.	1.50	The Jamaica Wine Co.....	
"	12 Pine-ola.....	72579	" " " " " " " "	3 "	1.50	" " " " " " " "	
"	12 Orange.....	72580	" " " " " " " "	3 "	1.50	" " " " " " " "	
"	18 Black Cherry.....	72581	W. A. Radbourne, Belleville.....	3 "	1.50	Turner & Co., Toronto.....	
"	18 Ginger Wine.....	72582	" " " " " " " "	3 "	2.25	Hamilton Importing Co.	
"	18 Ginger Brandy.....	72583	" " " " " " " "	3 "	2.25	" " " " " " " "	
"	18 Rum.....	72584	W. A. Radbourne, Belleville.....	3 bots.	1.95	J. Gordon, Toronto.	
"	18 Rye Whiskey.....	72585	" " " " " " " "	3 "	2.25	" " " " " " " "	

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				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF TORONTO—H. J. DAGER, INSPECTOR.								
1911.								
June 13	Sherry Near Wine.	77854	Toronto Wine Co., 148 Dundas St., Toronto.	3 bots.	1.10	Vendors.	Royal Club.	
"	Port Fruit Wine.	77855	H. D. Gordon & Co., 639 College St., Toronto.	3 "	1.10	"	Unfermented.	
"	Blackberry Brandy.	77856	T. Bowers & Son, 473 Queen St. W., Toronto.	3 "	2.25	"	Blackberry Brandy, purity guaranteed. Pierre Laroche & Cie, Bordeaux.	
"	Unfermented Port Wine.	77881	J. Usprieh, 2164 Dundas St. West, Toronto.	3 "	42	West End Wine Co., West Toronto.	Imported.	
"	London Dock Sherry Cordial.	77857	A. Sharpe, 212 Queen St. E., Toronto.	3 "	2.25	Gordon Drug Co., Toronto.	Bottled by vendor. Liqueur Superior.	
"	Crème de Menthe.	77912	J. W. Ryan, 188 Queen St. W., Toronto.	3 "	1.50	Robinson Mfg. Co., Toronto.	Lazare & fils Brand.	
"	"	77913	A. Spires, 183 King St. E., Toronto.	3 "	1.00	J. Berman, Toronto.		
DISTRICT OF HAMILTON—H. J. DAGER, ACTING INSPECTOR.								
July 13	Sherry Near Wine.	77984	Wm. McCradle, 294 King St. W., Hamilton.	3 bots.	90	J. J. Walsh, Hamilton.	Oloroso, unfermented.	
"	Irish Sloe Gin.	77985	A. E. Bowden, 292 Barton St. E., Hamilton.	3 "	1.95	R. H. Thomson & Co., Dublin.		
"	Anisette.	77986	Harding Bros., 68 McDonald St., Guelph.	3 "	2.00	Alfred Vauban & Co., Bordeaux, France.	Hamilton Importing Co., Hamilton.	
"	Black Currant Wine.	77994	A. J. Groom, 122 Wyndham St., Guelph.	3 "	1.50	Cox & Co., W. India Road, London.	Non-alcoholic.	
"	Tipterary Punch.	77996	Hood & Bennallick, 17 Wyndham St., Guelph.	3 "	75	Elk Fruit Products Co., Toronto.	Cherry.	
"	Ginger Wine.	77996	Harding Bros., 68 McDonald St., Guelph.	3 "	75	Sleeman & Sons, Guelph.	Non-excisable.	

"	4	Grape Wine.....	77967 Huether & Todd, 6 Wyndham St., 3 "	90) Jas. Ryder, Guelph.	Unknown	Schrepp's non-alcoholic.
"	5	Ginger Wine	77968 Richm & Co., King St., Waterloo, 3 "	1.20)	Unknown	Non-intoxicating, non-excisable, unfermented.
"	5	Grape Wine	77969 L. Lango Fruit Co., 228 King St., 3 "	1.50) C. H. Tune, Ltd, London.	Unknown	Non-intoxicating, non-excisable, unfermented.
"	10	Crème de Menthe...	78000 Burke Mineral Water Co., 18 Col. 3 "	75) Vendors.	Unknown	Non-intoxicating, non-excisable, unfermented.

DISTRICT OF WINDSOR—JOHN TALBOT, INSPECTOR.

July 18	Port Wine	65267 John Murray & Son, London, Ont. ... 3 bots.	1.12) Vendors.....	Unfermented.
"	18	"	65268 O. S. O. Mfg. Co., " ... 3 " 10	O. S. O. Brand.

DISTRICT OF MANITOBA—J. B. COSGROVE, INSPECTOR.

July 28	Port Wine.....	75894 S. & S. Grocery, 818 William Ave., 3 bots.	1.40) Blackwoods Ltd., Winnipeg.	
"	31	Native Wine.....	75920 G. Mintian & Co., 836 Rosser Ave., 3 "	1.50) Grape Juice Co., Niagara Falls.
"	31	Calgary Chinook Beer	75921 " " " " " " " " " " " "	45) Calgary Brewing Co., Calgary.
"	31	New Life Beer	75922 " " " " " " " " " " " "	30) Brandon Brewing & Bottling Co., Brandon.
"	31	Laguire Beer.....	75923 Ayrate Confectionery, 638 Rosser 3 "	45) Kuntz Brew. Co., Waterloo, Ont.
"	31	Showne Beer.....	75924 " " " " " " " " " " " "	45) Prairie Rose Brewing Co., Moosejaw.
"	31	New Life Beer.....	75925 T. Thompson, 6 Tenth St., Brandon. " "	30) Brandon Brewing Co., Brandon.
Aug. 1	Porter.....	75926 K. Freeman, Carberry, Man. 3 "	45) McDonagh & Shea, Winnipeg.	
"	1	American Lager Beer	75928 W. A. Bannister, Carberry, Man. 3 "	90) Golden Lion Co., Prince Albert.
"	2	Stout.....	75929 Julius Bros., 538 Main St., Winnipeg 3 "	45) F. L. Drowery, Winnipeg.

BULLETIN No. 394—WINES AND LIQUORS—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. (Is not an expression of opinion.)
				(Quantity)	Cents		
						Manufacturers	Furnisher.

DISTRICT OF ALBERTA—A. W. R. MARKLEY, INSPECTOR.

1917.							
June 21	Fruit Wine Port	52730	M. Menasse, Edmonton.	3 bots.	2.25	Edmonton Bottling Works, Edmonton.	Red Cross Brand.

DISTRICT OF ROCKY MOUNTAINS—THOS. PARKER, INSPECTOR.

July 13	Scotch Whiskey	68430	Rozcek & Gunsled, Trail	3 bots.	6.00	Alex. McKay & Co., Edinburgh.	Mountain Cream.
"	Runn.	68440	" " "	3 "	6.00	Porter Dingwall & Norris, London.	Privateer.

DISTRICT OF VANCOUVER—G. C. ARMYTAGE, INSPECTOR.

June 19	Gin	75832	Diamond Liquor Co., 335 Main St., Vancouver.	3 bots.	2.25		Bottled by Vendors.
"	Brandy	75833	The Hose & Brooks Co., 504 Main St., Vancouver.	3 flasks	1.50		" "
"	Port Wine	75834	Hughes Bros., 105 Hastings St. E., Vancouver.	3 bots.	2.40		" "
"	Runn	75835	Independent Liquor Co., Ltd., Hastings St. W., Vancouver.	3 flasks.	1.50		Western Canada Liquor Co., Ltd., 137 Water St., Vanc.

Western Canada Liquor Co., Ltd., 137 Water St., Vanc.
 1.30
 3
 flasks.
 Hastings St. W., Vancouver.
 1.30
 3
 flasks.

20	Sherry Wine	75836	Vine Wine and Spirit Co., 1067 3/4 Greenville St., Vancouver.	1067 3/4 St., 3	1.05	El Cajon Wine and Vintage Co. San Ram, Cal.	Bottled by Vendors.
"	Claret Wine	75837	The A. & B. Co., 715 Dunsmuir St., Vancouver.	715 St., 3	1.05	N. Johnson & Sons Bordeaux.	Bottled by Vendors.
"	Sauterne Wine	75838	The Crown Liquor Store, 6 Hastings St. E., Vancouver.	6 St., 3	2.10	Betts & Sons, London, Eng.	Bottled by Vendors.
"	Gin	75839	Universal Wine Co., 54 Cordova St., Vancouver.	54 St., 3	90		
"	Rum	75840	Gold Seal Liquor Co., Ltd., 722 Pender St. W., Vancouver.	722 St., 3	90		
"	Brandy	75841	Three Star Wine Co., 133 Hastings St. W., Vancouver.	133 St., 3	90		

DISTRICT OF VICTORIA—G. G. ARMYTAGE, ACTING INSPECTOR.

July	25	California Port Wine	75932	H. O. Kirkham & Co., Ltd., 745 Fort St., Victoria.	745 Fort St., 3	1.65	Bottled by Vendors.
"	"	Run	75933	"	" 3	1.80	"
"	"	California Sherry	75934	The Hudson's Bay Co., 1312 Douglas St., Victoria.	1312 Douglas St., 3	1.65	"
"	"	Blackberry Wine	75935	"	" 3	1.80	"
"	"	Gin	75936	The B. C. Wine Co., Ltd., Victoria.	" 3	1.80	"
"	"	St. Julien	75937	"	" 3	90	"
"	"	Port Wine	75938	Victoria Liquor Co., Ltd., 1303 Govt. St., Victoria.	1303 Govt. St., 3	1.50	"
"	"	Brandy	75939	"	" 3	1.80	"
"	"	Gin	75940	Dixie H. Ross & Co., 1316 Broad Victoria.	1316 Broad St., 3	1.80	"
"	"	Brandy	75941	"	" 3	1.80	"

TABLE I.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.					Remarks.	No. of Sample.	Remarks and opinion of the Chief Analyst.	
		Alcohol by Volume.	Proof Spirit.	Methyl Alcohol.	Grammes per 100 cc.					
					Acidity as Acetic.	Extract.				Ash.
1917.										
76671	Scotch Whisky.....	P.c. 45.64	p.c. 79.88	None...	0.027	0.148	0.009	76671	Genuine.	
76672	Rum.....	50.40	88.22	"	0.044	1.132	0.014	76672	"	
76673	Gin.....	46.76	80.16	"	0.008	0.012	0.005	76673	"	
76674	Rum.....	44.96	78.68	"	0.060	0.394	0.008	76674	"	
76675	Scotch Whisky.....	45.52	79.66	"	0.010	0.082	0.023	76675	"	
76676	Rum.....	40.62	71.05	"	0.025	0.330	0.006	76676	Spirit strength below standard.	
76677	Scotch Whisky.....	41.00	75.26	"	0.013	0.118	0.006	76677	Genuine.	
78001	Scotch Whisky.....	46.0	80.53	"	0.015	0.066	0.004	78001	"	
78002	Port Wine.....	15.27	24.65	"	.....	12.51	0.27	78002	Acidity as tartaric 0.549, sulphates, 0.024.
78003	Alcohol.....	88.56	16.03	None...	.....	0.006	.....	78003	"
78004	Walker's Rye Whisky...	43.40	75.96	"	0.009	0.113	0.028	78004	"	
78005	Gin.....	55.20	96.66	"	0.003	0.019	0.006	78005	"	
78006	Brandy.....	49.20	86.16	"	0.648	0.881	0.005	78006	"	
78007	Sherry Wine.....	17.86	31.17	"	.....	7.76	0.47	78007	Acidity as tartaric 0.864, sulphates 0.067.

SAMPLES EXAMINED AT HALIFAX.

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.		
		Alcohol by Volume.	Proof Spirit.	Solids per 100cc.	Volatile Acids.	Furfural.	Aldehydes.	Ethers as Ethyl Acetate.	Higher Alcohols.	Total Secondary Products.	No. of Sample.				
1917.															
73887	Gin	44.73	78.39	0.068										73887	Genuine.
73898	Brandy	32.58	57.09	0.124	18	Trace	3	15	66	102			73898	Below legal strength.	
7612	Brandy	51.87	90.89	0.280	12		20	180	322	534			7612	terated. Genuine.	

SAMPLES EXAMINED AT OTTAWA.

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.										No. of Sample.	Dye.	Remarks and Opinion of the Chief Analyst.		
		Sp. (tr. of Sample).	Sp. (tr. of Distillate).	Alcohol by Volume.	Proof Spirit.	Grammes per 100cc.					Preservatives.					
						Extract.	Invert Sugar.	Sucrose.	Total Sugars.	Ash.	Acidity as Tartaric				Kind.	Quantity in Milligrams per 100cc.
1917.																
6450	Vin quinine....	1.0636	0.9828	13.62	23.86	20.90	17.15	None.	17.15	0.160	0.600	None.	.....	None.	6450	Genuine. Quinine sulph—0.008 per 100cc.
5640	Vin	1.0622	0.9831	13.34	23.37	20.55	17.15	"	17.15	0.200	0.720	"	.....	"	5640	Genuine.
7363	Port Wine.	1.0571	1.000	None.	None.	14.80	3.70	7.82	11.52	0.048	0.675	Salicylic acid.	10	Aniline.	7363	Is not wine. Adulterated.
7364	Blackberry Wine.	1.0632	1.000	"	"	16.39	1.70	9.31	11.01	0.640	0.900	"	15	"	7364	"
7366	N. W. Cherry (Wine.)	1.0727	0.9998	0.13	0.23	18.87	1.70	12.76	14.46	0.064	1.050	"	2	"	7366	"
7366	Sloe Gin.....	1.0684	0.9997	0.20	0.35	15.22	7.69	4.22	11.91	0.076	0.743	"	20	"	7366	Is not gin. Adulterated.
7366	Vin Blanc	1.0170	0.9869	15.40	26.99	9.34	5.41	0.88	6.29	0.221	0.630	None.	.....	None.	7366	Genuine.
7610	Vin Canadian...	1.0220	0.9817	14.65	25.57	10.43	6.59	2.22	8.81	0.276	0.713	Salicylic acid.	7	Aniline.	7610	"
7611	"	1.0443	0.9871	9.78	17.14	14.36	11.86	None.	11.86	0.140	0.630	"	11	None.	7611	"
7613	"	1.0236	0.9808	15.49	27.15	11.08	8.93	"	8.03	0.200	0.622	None.	.....	"	7613	"
7619	"	1.0253	0.9812	15.12	26.49	11.42	8.42	"	8.42	0.108	0.636	"	.....	"	7619	"
58473	Port Wine.....	1.0689	0.9966	2.13	4.26	17.89	14.55	.....	14.55	0.140	0.750	"	.....	"	58473	Is not wine. Adulterated.

SAMPLES EXAMINED AT OTTAWA.

TABLE II.—WINES AND LIQUORS.

No. of Sample	Name of Sample	Results of Analysis.										No. of Sample	Date	Remarks, and Opinion of the Chief Analyst.			
		Sp. Gr. of Sample	Sp. Gr. of Distillate	Alcohol by Volume	Proof Spirit	Grammes per 100 cc.					Preservatives.						
						Extract.	Invert Sugar.	Sucrose.	Total Sugars.	Ash.	Acidity as Tartaric				Kind.	Quantity Milligrams per 100 cc.	
1917.	74356	Port Wine . . .	1.0702	0.9998	0.13	0.23	18.40	14.58	3.19	17.77	0.020	0.290	Salicylic acid.	80	Aniline.	74356	Is not wine. Adulterated.
	74357	Grape Wine . . .	1.0828	1.000	None.	None.	21.52	19.76	None.	19.76	0.060	0.255	"	28	"	74357	"
	74358	Port Wine . . .	1.0619	1.000	"	"	16.05	10.22	2.51	13.13	0.004	0.412	"	20	"	74358	"
	74359	Sloe Gin	1.1328	0.9981	1.26	2.20	33.99	14.55	17.06	31.61	0.248	0.307	"	40	"	74359	Is not gin. Adulterated.
	74360	Grape Wine . . .	1.1233	0.9982	1.19	2.09	33.22	24.12	5.29	32.41	0.108	0.735	"	26	"	74360	Is not wine. Adulterated.
	77527	"	1.0813	0.9987	0.86	1.51	21.12	3.57	14.74	18.31	0.072	0.675	"	80	"	77527	"
	77547	"	1.0968	0.9978	1.42	2.48	25.67	8.56	15.02	23.58	0.156	0.803	Benzoic acid.	52	"	77547	"
	77549	Port Wine	1.1137	0.9987	0.86	1.51	29.99	22.75	5.59	28.34	0.192	0.805	"	69	"	77549	"
	77561	Black Cherry Wine.	1.1150	0.9995	0.33	0.58	30.13	26.04	2.17	28.21	0.036	1.050	Salicylic acid.	24	None.	77561	Is not wine. Adulterated.
	77562	Red Cherry Wine.	1.1110	0.9989	0.07	0.12	28.96	24.02	1.02	25.64	0.040	0.810	"	27	"	77562	"
	77565	Black Cherry Wine.	1.1135	0.9966	0.26	0.46	29.60	28.08	None.	28.08	0.120	0.673	"	40	Aniline	77565	"
	77566	Peach Wine	1.1208	1.000	None.	N. a.	31.41	23.62	5.93	29.55	0.296	0.525	Benzoic acid.	78	None.	77566	"
	72578	Mint Cordial	1.0644	0.9984	1.06	1.56	17.12	10.22	3.85	14.07	0.036	0.263	Salicylic acid.	80	Aniline	72578	Doubtful.
	72579	Pineola (Cordial)	1.0680	0.9988	0.79	1.19	17.95	12.01	5.36	17.37	0.024	0.263	"	80	"	72579	"

SAMPLES EXAMINED AT OTTAWA—Con.

72578 Mint (Cordial) ... 1-0644 0-9984 1-06 1-39 1-79 1-85 17-12 10-22 5-36 17-37 0-036 0-263 80
 72579 Pincola (Cordial) 1-0680 0-9988 0-79 1-39 1-79 1-85 17-95 12-01 5-36 17-37 0-024 0-263 80

72580 Orange (Cordial)	1-0680	0-9985	0-59	1-74	18-53	11-51	5-54	17-01	0-040	0-188	20	72581	Sold as Artificial
72581 Artificial Black Cherry (Cordial)	1-0943	0-9988	0-79	1-39	24-85	22-81	None	22-81	0-080	0-825	4	72582	Is not wine. Adul-terated.
72582 Ginger Wine ...	1-1204	1-000	None	None	28-01	27-66	"	27-66	0-164	0-428	10	72583	Is not brandy. Adul-terated.
72583 Ginger Brandy...	1-1245	0-9992	0-53	0-93	29-10	25-12	3-94	29-06	0-008	0-330	20	72584	Is not rum. Adul-terated.
72584 Rum, ...	1-0771	0-9993	0-46	0-81	20-20	17-79	None	17-79	0-006	0-248	20	72585	Is not whiskey. Adul-terated.
72585 Rye Whiskey...	1-0610	0-9999	0-07	0-12	15-81	15-10	0-32	15-42	0-104	0-413	20	77854	Is not gin. Adul-terated.
77854 Sloe Gin ...	1-0763	0-9994	0-40	0-70	19-97	3-35	10-53	19-88	0-060	0-113	80	77855	Is not wine. Adul-terated.
77855 Port Fruit Wine	1-0520	0-9996	0-26	0-46	13-77	7-50	4-96	12-48	0-056	0-225	57	77856	Is not brandy. Adul-terated.
77856 Black berry Brandy.	1-1053	0-9996	0-26	0-46	4-80	13-02	7-08	20-10	0-120	0-413	None	77881	A low grade wine. Adulterated.
77881 Uniformed Port Wine.	0-9996	0-9989	7-40	12-97	2-25	None	1-40	1-40	0-068	0-542	None	77897	
77897 London Dock Sherry (Cordial)	1-1087	0-9996	0-26	0-46	28-43	18-59	7-04	25-53	0-076	0-690	20	77912	Doubtful.
77912 Cremede Menthe (Cordial)	1-1583	0-9984	1-06	1-86	36-15	4-15	31-66	35-81	0-048	0-263	8	77913	"
77913 Cremede Menthe (Cordial)	1-1531	1-000	None	None	34-80	3-63	30-44	34-07	0-032	0-075	None	77984	"
77984 Strawberry Near Wine.	1-0659	0-9988	0-13	0-23	17-14	16-33	None	16-93	0-180	0-488	27	77985	Is not gin. Adul-terated.
77985 Irish Sloe Gin ...	1-1041	0-9949	3-62	6-34	28-46	18-10	7-08	25-18	0-248	0-673	None	77993	Doubtful.
77993 Anisette (Cordial)	1-1857	0-9972	1-96	3-44	41-20	None	40-80	40-80	0-016	None	Trace	77994	Is not wine. Adul-terated.
77994 Black Currant Wine.	1-0938	1-000	None	None	24-41	3-77	18-14	21-91	0-080	0-525	80	77995	Doubtful.
77995 Tipperary Punch (Cordial)	1-0590	1-000	"	"	15-29	0-80	13-30	14-10	0-032	0-420	3	77996	Is not wine. Adul-terated.
77996 Ginger Wine...	1-0791	0-9985	0-33	0-58	20-55	1-23	16-88	18-11	0-036	0-300	None	77997	"
77997 Grape Wine...	1-0886	0-9999	0-07	0-12	23-04	2-50	19-82	22-32	0-032	0-675	None	77998	"
77998 Ginger Wine...	1-1280	1-000	None	None	29-70	11-41	17-36	28-77	0-076	0-360	40	77999	"
77999 Grape Wine...	1-0839	0-9998	0-13	0-23	21-86	10-77	10-10	20-87	0-060	0-450	40	78000	Doubtful.
78000 Creme de Menthe (Cordial)	1-1085	0-9999	0-07	0-12	28-33	8-66	18-87	27-53	0-072	0-075	4	65267	Is not wine. Adul-terated.
65267 Port Wine...	1-0619	1-000	None	None	16-05	11-10	4-03	15-13	0-060	0-220	None	65268	"
65268 Port Wine...	1-0431	1-000	"	"	11-15	2-71	7-56	10-37	0-008	0-322	None		

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.												Dye.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Sp. Gr. of Sample at 15°c.	Sp. Gr. of Distillate.	Sp. Gr. of Residue.	Alcohol.		Proof Spirit.	Extract or Total Solids.	Grammes per 100 cc.			Phosphates Milligrammes per 100 c.c.	Preservatives.			
					By Weight.	By Volume.			Acidity as Tartaric	Reducing Sugars as Dextrose.	Ash.					
1917.																
75304	Port Wine.....	1.0684	0.9981	1.0712	1.00	1.26	2.20	18.48	0.45	17.3	0.068	12.0	None	Aniline.	75304	Is not wine. Adulterated.
79520	Native Wine...	1.0657	1.000	1.0675	None	None.	None	17.51	0.75	11.4	0.220	26.0	"	None.	79520	"
79521	Calgary Chinook Beer.	1.0180	0.9978	1.0198	1.19	1.49	2.61	5.25			0.186	34.8	Sulphuric acid.	.....	79521	Light beer. Genuine.
79522	New-Life Beer...	1.0180	0.9986	1.0194	0.74	0.93	1.62	5.14			0.204	26.0	None.	.....	79522	"
79523	Lagerine Beer.	1.0161	0.9984	1.0178	0.84	1.06	1.86	4.69			0.152	37.2	"	.....	79523	"
79524	Showna Beer...	1.0186	0.9978	1.0198	1.19	1.49	2.61	5.25			0.156	40.0	"	.....	79524	"
79525	New-Life Beer...	1.0126	0.9976	1.0150	1.31	1.65	2.89	3.93			0.096	28.0	"	.....	79525	"
79526	Porter.....	1.0150	0.9984	1.0164	0.84	1.06	1.86	4.90			0.241	49.2	"	.....	79526	Is not porter. Adulterated.
79528	American Lager	1.0149	0.9990	1.0156	0.53	0.66	1.16	4.09			0.156	36.0	Traces SO ₂.	.....	79528	Is not lager beer.
79529	Stout.....	1.0161	0.9985	1.0178	0.79	0.99	1.74	4.69			0.148	40.0	None.	.....	79529	Is not wine. Adulterated.
52730	Fruit Wine Port.	1.0538	0.9974	1.0561	1.44	1.81	3.16	14.54	0.36	13.9	0.060	11.2	"	Aniline.	52730	Is not wine. Adulterated.

SAMPLES EXAMINED AT WINNIPEG.

TABLE II. WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.										No. of Sample.	Remarks, and Opinion of the Chief Analyst.	
		Sp. Gr. at 15° C.		Ethyl Alcohol.		Total Acidity C.C. N/10 per 100 cc.	Total Solids at 70° C.	Grammes per 100 cc.			Purinal Examines per 100,000 cc. of Alcohol.			
		By Gr. of distillate p.c. by volume.	By Refractive Index p.c. by Volume.	By Sp. Gr. late p.c. by volume.	Hydrous Sugars			Invert Sugars	Sucrose.	Ash.				
1917.														
68439	Scotch Whiskey	0.9530	39.28	39.96	1.0	0.06	.....	.....	.....	.....	0.008	0.25	68439	Low in alcohol.
68440	Rum.	0.9412	46.56	46.84	5.6	0.43	.....	.....	.....	.....	0.012	0.22	68440	Genuine.
75832	Gin	0.9613	35.04	35.00	2.6	0.77	.....	.....	.....	.....	0.012	5.50	75832	Low in alcohol.
75833	Brandy	0.9422	45.76	46.04	1.8	0.11	.....	.....	.....	.....	0.006	0.22	75833	Genuine.
75834	Port Wine	1.0127	13.65	14.25	93.0	7.86	4.99	.....	.....	.....	0.22	.....	75834	"
75835	Rum	0.9381	48.32	48.44	6.8	0.40	.....	.....	.....	.....	0.010	2.50	75835	"
75836	Sherry Wine.	0.9632	18.36	18.81	64.0	3.09	1.72	.....	.....	.....	0.48	.....	75836	"
75837	Claret Wine	0.9662	11.73	12.17	78.5	2.64	0.16	.....	.....	.....	0.33	.....	75837	"
75838	Sauterne Wine.	1.0053	13.32	13.99	106.5	5.96	2.60	.....	.....	.....	0.25	.....	75838	"
75839	Gin	0.9725	34.28	34.48	0.2	3.70	0.06	3.41	.....	.....	0.012	Nil	75839	Low in alcohol.
75840	Rum	0.9330	50.88	51.32	5.2	0.46	.....	.....	.....	.....	0.012	0.20	75840	Genuine.
75841	Brandy	0.9502	41.08	41.28	1.4	0.15	.....	.....	.....	.....	0.004	0.25	75841	Low in alcohol (slightly).
75839	California Port Wine	1.0231	19.45	19.60	62.5	11.94	9.50	.....	.....	.....	0.33	.....	75839	Genuine.
75833	Rum	0.9325	52.44	52.83	8.8	1.12	.....	.....	.....	.....	0.032	2.40	75833	"
75834	California Sherry	0.9935	19.50	19.72	45.0	4.28	2.42	.....	.....	.....	0.56	.....	75834	"

SAMPLES EXAMINED AT VANCOUVER.

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Ethyl Alcohol.		Total Acidity C.C. N/10 per 100 cc.	Total Solids at 70° C.	Grammes per 100 cc.				Turfural Grammes per 100,000 cc. of Absolute Alcohol			
		By Sp. Gr. of distil- late p.c. by volume.	By Refrac- tive Index p.c. by Volume.			Reducing Sugars	Invert Sugars	Sugar.	Sucrose.		Ash.		
Sp. Gr. at 15° C.	By Sp. Gr. of distil- late p.c. by volume.	By Refrac- tive Index p.c. by Volume.	Total Acidity C.C. N/10 per 100 cc.	Total Solids at 70° C.	Reducing Sugars	Invert Sugars	Sugar.	Sucrose.	Ash.	Turfural Grammes per 100,000 cc. of Absolute Alcohol			
75935	Blackberry Brandy	1.0724	17.76	17.88	68.5	24.51	21.50	0.76	0.076	Nil	75935	Is not brandy. Adulterated.	
75936	Gin	0.9766	28.44	27.88 -48.70 p.s.	0.7	2.44	0.69	2.30	0.016	Nil	75936	Low in alcohol. Adulterated.	
75937	St. Julien	0.9983	12.21	12.50	80.5	2.23	0.47		0.23		75937	Genuine.	
75938	Port Wine.	1.0183	20.77	21.00	59.0	11.51	9.27		0.20		75938	"	
75939	Brandy	0.9440	44.88	44.48	7.9	0.16			0.006	3.30	75939	"	
75940	Gin	0.9615	33.24	32.28 =58.14 p.s.	2.4	0.04			0.002	0.30	75940	Low in alcohol. Adulterated.	
75941	Brandy	0.9654	37.60	36.68 =64.10 p.s.	5.2	0.09			6.006	4.00	75941	"	

SAMPLES EXAMINED AT VANCOUVER—Concluded.

