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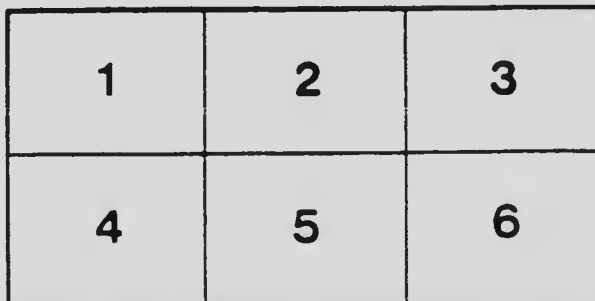
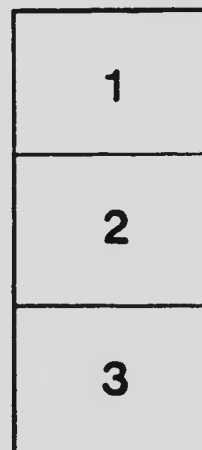
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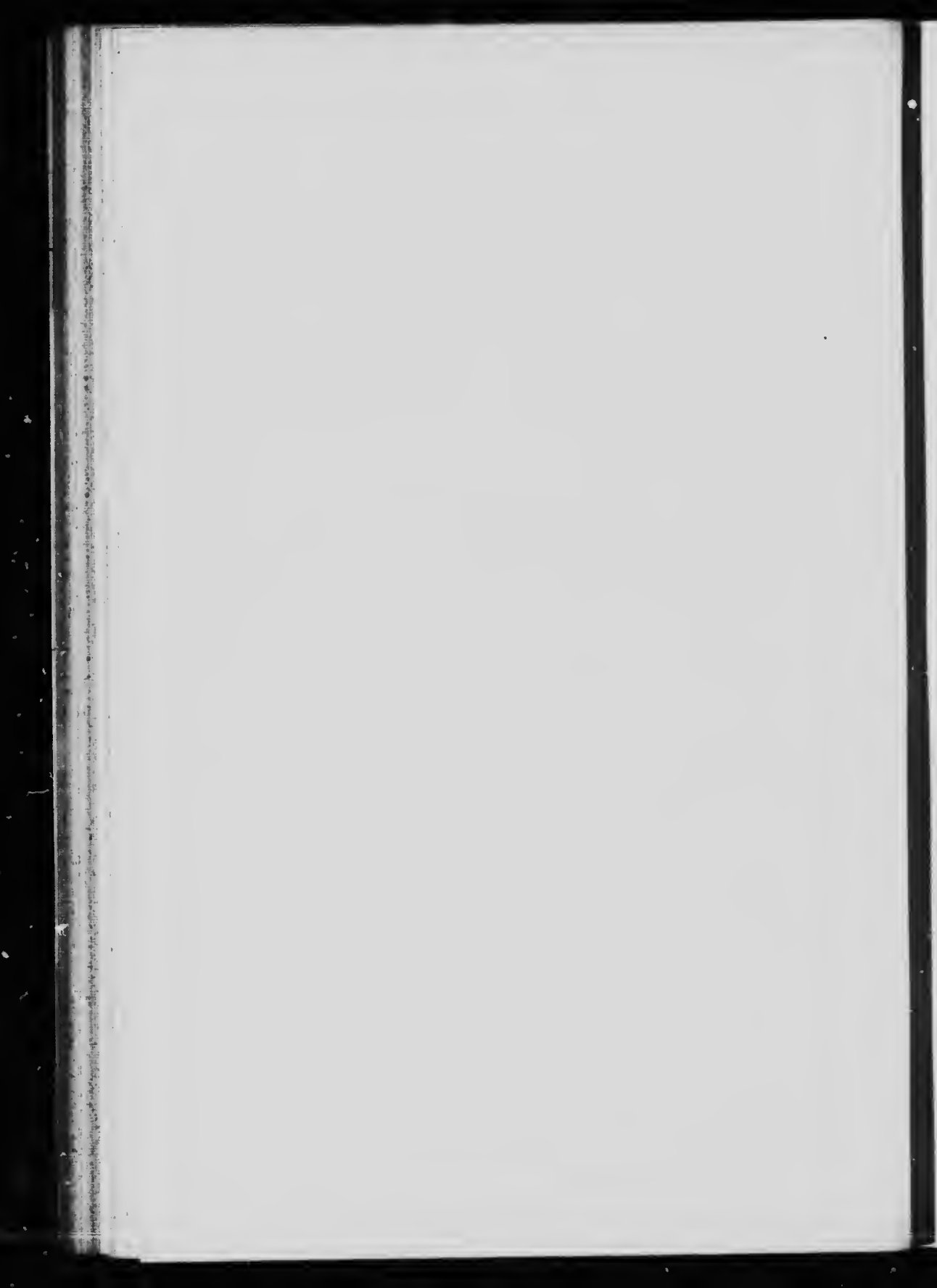
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 229

OLIVE OIL

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 229

OLIVE OIL

OTTAWA, October 24, 1911.

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

SIR,—I have the honour to forward you herewith a report upon the examination of 152 samples of Olive Oil, purchased by our inspectors throughout Canada in April of this year. Of this number 139 samples are found to be genuine, and 13 samples are adulterated under the terms of the Act. The adulteration consists in every case of an admixture of Cotton Seed Oil, 'an inferior or cheaper substance' (Sec. 3 (b), without declaration of this fact (Sec. 3 (d).

It appears from correspondence had with importers and vendors, that in some cases this article has been sold in good faith, as believed to be genuine Olive Oil. It is imported for the most part, in sealed containers, and apparently represented as Olive Oil. While this fact seems to exculpate the immediate vendors from any charge of intent to defraud, it does not warrant me in describing the samples as other than adulterated under the Act.

Olive Oil has been collected and examined on four different occasions, with the following results:—

Bulletin.	Date.	Total Samples.	Genuine.	Adulterated.	Doubtful.	Sold as Salad Oil.
67.....	1889	75	40	30	5	—
111.....	1905	108	66	16	2	24
159.....	1908	82	64	15	—	3
229.....	1911	152	139	13	—	—

Percentage of adulteration, 40, 15, 18 and 8.

It is gratifying to note that the percentage of adulteration is greatly reduced since 1889, when the first inspection was made.

It is right also to point out that as concerns healthfulness there is no case against well refined Cotton Seed Oil as a food substance, either alone or in admixture. Adulteration consists in the sale of the article under a name which properly belongs to another food material.

The following standards for Olive Oil are respectfully recommended for further study, with reference to legalization, under Section 26 of the Adulteration Act. It is to be noted that, except in the last particular, they do not take into consideration the quality of the oil; but only its genuineness as regards specific identity.

PROPOSED STANDARDS FOR OLIVE OIL.

Olive Oil, is entirely a product of the fruit of the Olive tree.

Its specific gravity at 15.5° centigrade, is not less than 0.9140, nor more than 0.9196.

Its specific refractive index at 15.5° C. is not less than 1.4700 nor more than 1.4718.

Its Maumene number varies from 42 to 52.

Its iodine absorption number (using the Hubl solution) lies between 77 per cent and 94 per cent.

Its saponification (Kottstorfer) number lies between 185.0 and 195.0.

It does not contain above 3.5 per cent of free fatty acids.

I beg to recommend the publication of this report as Bulletin No. 229.

I have the honour to be, sir,

Your obedient servant,

A. MCGILL,

Chie. Analyst.

BULLETIN No. 229—OLIVE OIL.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	Inspector's Report. (Is not an expression of Opinion.)	RESULTS OF ANALYSIS.					Remarks and Opinion of the Chief Analyst.	
				Quantity.	Cents.			Manufacturer.	Furnisher.	Refractive index at 15° C.	Iodine number.	Nitric Acid Colour test.		Halphen's Colour test.
1911.	April 18 Olive Oil.	42261	O. Lyons, Kentville, 3 bots, N.S.			75 Cruse & Blackwell, London, Eng.	Unknown.		1.4701				42261	Genuine.
"	"	42262	W. Low & Co., Yarmouth, N.S.			54 " "	Manufacturers..	Pure Lucca oil.	1.4703				42262	"
"	"	42263	Yervax, Yarmouth, N.			45 " "	"	"	1.4683				42263	"
"	"	42264	R. F. Guest, Yarmouth, N.S.	1 pt.		50 Cagnoli, Nice, Italy	E. Allan, Yarmouth, N.S.	Sold as Lucca oil	1.4705				42264	"
"	"	42265	Nat. Drug. & Chem. Co., Halifax, N.S.	1 "		35 Unknown	N. D. & C. Co., Montreal	"	1.4707				42265	"
"	"	42266	Bauld Bros., Ltd., Halifax, N.S.	3 bots.		98 Fratelli Alfonso, Lucca, Italy	Reiss & Brady, New York	Sold as Lucca oil	1.4700				42266	"
"	"	42267	Wentzells, Ltd., Halifax, N.S.	3 "		75 Gaillard & France.	Manufacturers.	"	1.4705				42267	"
"	"	42268	J. Rawley, Halifax, N.S.	1 pt.		60 Unknown	N. D. & C. Co., Halifax, N.S.	"	1.4708				42268	"
"	"	42269	C. E. Huggins, Halifax, N.S.	1 "		50 Gaillard & France.	Wentzells, Ltd., Halifax, N.S.	"	1.4702				42269	"
"	"	42270	M. D. Logan, Halifax, N.S.	1 "		50 Unknown	N. D. & C. Co., Halifax, N.S.	"	1.4701				42270	"

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

DISTRICT OF PRINCE EDWARD ISLAND THEO. MOORE, INSPECTOR.

April	6	Olive Oil	46031	J. G. Jamieson, Charlottetown.	50	J. B. & A. Artand, freres, Marseille d' Olive, Nice, France.	1 4701	Green.	46031
"	6	"	46032	G. E. Hughes, Charlottetown.	50	Societe des Huiles d' Olive, Nice, France.	1 4700	"	46032
"	6	"	46033	A. Galis & Co., Charlottetown.	45	Crusse & Blackwell, London, Eng.	1 4699	"	46033
"	7	"	46034	Johnson & Johnson, Charlottetown.	50	A. Guist & Co, Aix en Provence.	1 4698	"	46034
"	10	"	46035	J. C. Ferguson, Souris.	50		1 4699	"	46035
"	11	"	46036	Matthew & McLean, Souris.	45		1 4699	"	46036
"	24	"	46037	Dr. McLeod, Hunter River.	50		1 4705	"	46037
"	24	"	46038	Keir & McFadyen, Kensington.	50		1 4701	"	46038
"	25	"	46039	McFadyen & McLeelan, Summerside.	50	Schoder & Schyler, of, Bordeaux, France.	1 4698	"	46039
"	25	"	46040	A. W. P. Gourlie, Summerside.	50	Flugette & Guorippi, Italy.	1 4738	104 Brown Red	46040 Adulterated

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

Feb.	29	Olive Oil	45454	Northrup & Co., John, N.B.	70	Tessier frere, France.	"Tallot's" Brand	1 4715	Green.	45454	Genuine.
"	31	"	45455	G. K. Bell, St. John, N.B.	50		"Tallot's" Brand	1 4703	"	45455	"
"	31	"	45456	E. Clinton Brown, St. John, N.B.	50	Tessier frere, France.	"Tallot's" Brand	1 4702	"	45456	"
April	4	"	45457	W. Hawker & Son, St. John, N.B.	85		"Tallot's" Brand	1 4705	"	45457	"
"	10	"	45458	Chas. A. Burchill, Fredericton, N.B.	60	Warwick frere, Grasse, France.	Huile d'Olive	1 4700	"	45458	"
"	10	"	45459	Geo. T. Whelpley Esq., Fredericton, N.B.	75	Lavenby & Son, Ltd., London, Eng.	Huile de Provence Surbine	1 4707	"	45459	"
"	11	"	45460	The Bant Co., Ltd., Woodstock, N.B.	50	Societe des Huiles d'Olive, de Nice, France.	Huile de Provence Surbine	1 4706	"	45460	"

BULLETIN No. 229—OLIVE OIL.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report (Is not an expiration of Opium.)	RESULTS OF ANALYSIS.				Remarks and Opinion of the Chief Analyst.	
						Manufacturer.	Furnisher.		Refractive index at 19°C.	Iodine number.	Nitric Acid Colour test.	Sulphur Colour test.		
DISTRICT OF NEW BRUNSWICK—J. C. FERGUSON, INSPECTOR <i>Concluded.</i>														
1911.	April 19 Olive Oil.	45461	B. J. Sharp, Sussex, 1 pt. N.B.	70		Nat. Drug & Chem. Co., Ltd., St. John, N.B.		Sample from Can labelled "A. Guioot & Cie, Aix en Provence, France."	1.4707	Green.			45461	Genuine.
"	"	45462	Fairweather, Bros., 1 lb. Moncton, N.B.	75		Lymans Ltd., Montreal.		Sample from Can labelled "A. Guioot & Cie, Aix en Provence, France."	1.4707				45462	
"	"	45463	The McCarthy Drug Co., Bathurst, N.B.	60		The Canadian Vental Oil, Huile Drug Co., Ltd., St. John, N.B.		Sample from Can labelled "S. S. Schryfers & Schryfers, Bordeaux, France."	1.4709				45463	
DISTRICT OF QUEBEC—F. X. W. E. BELAND, INSPECTOR														
Feb.	28 Olive Oil	36911	J. B. Morin, 318 1/2 Rue St. Joseph, Quebec.	40		Gerard Jolie, Unknown France.			1.4704	Green.			36911	Genuine.
"	"	36912	O. Lacroix, 19 Rue St. Joseph, Quebec.	"		Adressama Kouri, Manufacturer, Montreal.			1.4719	94 Brown.	Red.		36912	Adulterated.
"	"	36913	L. E. Martel, 19 Rue St. Joseph, Quebec.	40		Unknown			1.4704	Green.			36913	Genuine.
"	"	36914	W. Brunet, et Cie, 139 1/2 Rue St. Joseph, Quebec.	40		Gerard Jolie, Unknown France.			1.4699				36914	

April 5	36915	Arthur Duroy, 714 Rue St. Valier, Quebec.	40 Henri Etienne, Laporte & Mar Bonlie, Mats. Bonlie, Montreal.	1 4707	36915	
" 5	36916	Joseph Masson, 808 Rue St. Valier, Quebec.	57 Henri Etienne, N. Rioux & Cie, Bonlie, Marseilles.	1 4699	36916	
" 6	36917	Alphonse Martineau, 1 734 Rue St. Valier, Quebec.	59 Gerard Jolie, aux Dr. Ed. Morin et de Nice, France, Cie.	1 4701	36917	
" 7	36918	Joseph Masson, 808 Rue St. Valier, Quebec.	60 Nat. Drug. Co., Manufactures, Montreal.	1 4699	36918	
" 7	36919	" " " "	80 Gerard Jolie aux Dr. Ed. Morin et de Nice, France, Cie.	1 4699	36919	
" 11	36920	A. E. Francoeur, 3791 Rue St. Jean, Quebec.	50 Unknown, Lyman, Knox Co., Montreal.	1 4730	36920	Adulterated.

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

April 24	Olive Oil.	38923	A. C. Trempe, Sorel, 1 pt.	50	L. A. Pries, Lucca, Nice, Bordeaux.	1 4699	Green	38923	Genuine.
" 25	"	38924	A. E. D'Artois & fils, Farnham.	45	Adolphe Puget, Marseilles.	1 4705	"	38924	"
" 26	"	38925	L. Marceau, St. Jean.	60	F. Bertelli, Lucca, Italie.	1 4704	"	38925	"
" 27	"	38926	N. Mitchell & Co., 3 lots.	75	"	"	"	38926	"
May 2	"	38927	J. O. Montplaisir, Drummondville.	70	A. Puget, Marseilles.	1 4701	"	38927	"
" 2	"	38928	Robinson & Teny, Watrous.	75	"	"	"	38928	"
" 4	"	38929	A. H. Moore & Co., 3 lots.	75	"	"	"	38929	"
" 5	"	38930	V. Archambault, Sherbrooke.	75	"	"	"	38930	"
" 8	"	38931	La Cie S. Bourgeois, Inc., St. Hyacinthe.	80	Talbot & freres, Bordeaux, France.	1 4704	"	38931	"
" 10	"	38932	Denaud & freres, Inc., St. Hyacinthe.	1 35	H. Etienne Davilly, Marseilles.	1 4701	"	38932	"

DISTRICT—J. J. COSTIGAN, INSPECTOR

Mar 27	Olive Oil.	40621	Sylvin Choquet, 1531 Avenue St. Amherst, Montreal.	50	"	1 4702	Green	40621	Genuine.
" 27	"	40622	H. R. Gray, 198 St. Lawrence St., Montreal.	75	"	1 4701	"	40622	"

BULLETIN No. 229—OLIVE OIL.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	Inspector's Report. (Is not an expression of Opinion).	RESULTS OF ANALYSIS.			Remarks and Opinion of the Chief Analyst.
				Quantity.	Cents.			Refractive index at 15°C.	Iodine number.	Nitric Acid Colour test.	

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

1911.												
Mar. 27	Olive Oil.	40623	J. Pigeon, 412 Notre Dame W., Montreal.	1 pt.	50				1.4769	Green	10623	Genuine.
April 13	"	40624	H. E. Archaubault, 781 Notre Dame E., Montreal.	"	50		Imported		1.4700	"	40624	"
" 17	"	40625	Chas. Lippin, 427 Wellington st., Montreal.	"	70				1.4749	104 Brown. Red.	40625	Adulterated
" 19	"	40626	G. W. Pocheron, 1024 St. Lawrence B., Montreal.	"	40				1.4701	Green	40626	Genuine.
" 19	"	40627	Louis Wenfeld, 11121 St. Lawrence B., Montreal.	"	75			Laporte-Martin Co., Ltd.	1.4637	"	40627	"
" 19	"	40628	Dr. Lecluc et Cie, 1181 St. Lawrence B., Montreal.	"	60				1.4702	"	40628	"
" 19	"	40629	Dr. Prevost, 662 St. Denis st., Montreal.	"	75				1.4680	"	40629	"
" 19	"	40630	J. E. Migeron, 540 St. Denis st., Montreal.	"	50				1.4705	"	40630	"

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

Mar. 31	Olive Oil.	43221	D. J. Stadler, druggist, Ottawa.	16 oz.	50	Nat. Drug & Chem. Co., Ltd., Ottawa	Tim. labelled		1.4707	Green	43221	Genuine.
" 31	"	43222	T. Payment, druggist, Ottawa.	18 "	75	A. Guicé & Cie, France.	guaranteed absolutely pure.		1.4707	"	43222	"

"	31	"	43223	Beattie & Argue, drug gists, Ottawa.	75	A. Guind & Cie, France.	T. Chamberlain & Co., Prescott.	1 4725	103	Brown.	Red.	43223	Adulterated
April	1	"	43224	Allen & Cochrane, druggists, Ottawa.	90	Gaillard	Ottawa Drug Co., Ottawa.	1 4704	Green.	"	"	43224	Genuine.
"	1	"	43225	N. W. Campbell, drug gist, Ottawa.	75	A. Guind & Cie, France.	Drug Trading Co., Toronto.	1 4724	97	Brown.	Red.	43225	Adulterated
"	3	"	43226	O. C. Abbott, druggist, Smith Falls.	75	F. Bertoli, Lucca, Tuscany, Italy.	Robertson Nicol & Co., Smith Falls	1 4703	Green	"	"	43226	Genuine.
"	3	"	43227	The A. B. Scott & Co., 3 bots. Smith Falls.	75	Liptons Ltd., London, Eng.	Manufacturers.	1 4699	"	"	"	43227	"
"	5	"	43228	C. A. Ramsaw, drug, 3 gds, Arnprior.	75	Nat. Drug & Chem. Co.	"	1 4704	"	"	"	43228	"
"	5	"	43229	J. Chambers, druggist, Arnprior.	75	Nat. Drug & Chem. Co.	"	1 4703	"	"	"	43229	"
"	7	"	43230	C. Whitney & Son, 3 b. ts. Prescott.	75	H. E. Bouille, Mar. scilles, France.	Laporte Martin, Montreal.	1 4699	"	"	"	43230	"

DISTRICT OF KINGSTON—JAS. HOGAN, INSPECTOR.

Mar.	24	Olive Oil.	47756	T. Hoag, Kingston	50	"	N. C. Polson, Kingston.	1 4697	Green.	"	"	47756	Genuine.
"	24	"	47757	C. S. Prouse, Kingston	60	"	N. C. Polson, Kingston.	1 4699	"	"	"	47757	"
"	24	"	47758	A. P. Chown, Kingston	60	"	Lymans, Ltd., Montreal.	1 4730	90	Brown.	Red.	47758	Adulterated
"	24	"	47759	W. W. Gibson, Kingston	60	"	N. C. Polson, Kingston.	1 4699	Green.	"	"	47759	Genuine.
"	24	"	47760	N. C. Polson, Kingston	50	Société des Huiles d'Olive de Nice, France.	"	1 4704	"	"	"	47760	"
"	27	"	47761	J. S. McKeown, Belleville.	50	"	Lymans, Ltd., Montreal.	1 4725	110	Brown.	No colour	47761	Adulterated
"	27	"	47762	M. Waters, Belleville.	60	"	Lymans, Ltd., Montreal.	1 4725	97	"	Red.	47762	"
"	28	"	47763	McBennid & Jarry, Peterboro.	75	"	N. C. Polson, Kingston.	1 4699	Green.	"	"	47763	Genuine.
"	28	"	47764	Warne Drug Co., Peterboro.	75	Société des Huiles d'Olive de Nice, France.	"	1 4701	"	"	"	47764	"
"	28	"	47765	Geo. Watson, Hope.	75	"	Nat. Drug Co., Toronto.	1 4704	"	"	"	47765	"

BULLETIN No. 229—OLIVE OIL.

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 expiration of Opinion).	RESULTS OF ANALYSIS.				Remarks and Opinion of the Chief Analyst.	
				Quantity.	Cents.	Manufacturer.	Furnisher.		Refractive index at 20°C.	Iodine number.	Nitric Acid Colour test.	Halphen's Colour test.		No. of Sample.
1911.														
April 5	Olive Oil.	47275	T. J. Mundy, Penetang 216 Queen st. E., Toronto.	1 pt.	60	Drug Trading Co., Toronto.	Sold as pure olive oil.	14706	Green.	Halphen's Colour test.	47275	Genuine.		
" 6	"	47276	J. A. Brems, Pharmacy, 216 Queen st. E., Toronto.	1 "	40	Lyman Bros. & Co., Ltd., Toronto.	Oil fine.	14723	Brown.	Halphen's Colour test.	47276	Adulterated.		
" 6	"	47277	G. Lambly, Ltd., Yonge st., Toronto.	1 "	40	A. Jeffrey, Toronto.	Superfine olive oil.	14699	Green.	Halphen's Colour test.	47277	Genuine.		
" 6	"	47278	S. T. Hopper, College st., Toronto.	1 "	50	Holbrook's Ltd., Toronto.	Oil F. Bretelli.	14701	"	"	47278	"		
" 7	"	47279	F. W. McLean, Queen st., Toronto.	1 "	60	The Drug Trading Co., Ltd., Toronto.	Labelled pure olive oil.	14705	"	"	47279	"		
" 7	"	47280	G. E. Gibbard, Dundas st., Toronto.	1 "	70	Vendor.	Labelled olive oil.	14701	"	"	47280	"		
" 7	"	47281	A. C. Thompson, 890 Dundas st., Toronto.	1 "	50	Saunders & Evans, Toronto.	Best quality olive oil.	14706	"	"	47281	"		
" 10	"	47287	J. D. Morrison, Bay st., Hamilton.	1 "	40	The Drug Trading Co., Ltd., Toronto.	Cream lard oil, guaranteed pure.	14702	"	"	47287	"		
" 10	"	47288	A. E. Drewery, Jas. st., Hamilton.	1 "	50	Unknown.	pure.	14703	"	"	47288	"		
" 10	"	47289	Hawkins, Ltd., John st. South, Hamilton.	1 "	40	Nat. Drug & Chem. Co., Ltd., Hamilton.	Labelled pure olive oil.	14702	"	"	47289	"		

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

DISTRICT OF LONDON—JNO. TALBOT, ACTING INSPECTOR.

April 25 Olive Oil.	4801	Alex. Stewart, Guelph, 3 bots.	75		Nat. Drug Co., Hamilton.	1 4706	Green	18041	Genuine.	
" 25 "	4803	J. B. Broadfoot, Guelph, 3 "	75		Drug Trading Sample original pkge. labelled F. Bertoli, Lucca, Tuscany.	1 4699		18043	"	
" 26 "	4806	E. O. Ritz & Co., Berlin, 3 "	75		Hellbrook & Co., London, Eng. Labelled pure olive oil, prepared at Nice, France.	1 4697		48061	"	
" 26 "	4811	J. H. Schmidt, Berlin, 3 "	75	Unknown.	Unknown.	1 4702		48011	"	
" 26 "	4820	Fred C. Bond, Galt, 3 "	65		Lynnan Bros., Toronto.	1 4697		48201	"	
" 26 "	4822	A. M. Edwards, Galt, 3 "	45		Martini & Co., Lucca, Italy.	1 4702		48022	"	
" 27 "	4828	L. H. Cant, Galt, 3 "	50		Nat. Drug Co., Hamilton.	1 4697		48028	"	
" 25 "	4837	A. B. Petrie, Guelph, 3 "	75		Lynnan Bros., Toronto.	1 4730	163	Brown, Red.	48337	Adulterated
" 25 "	48400	W. H. Beattie, Guelph, 3 "	60			1 4702	Green.	48400	Genuine.	

DISTRICT OF WINDSOR—JNO. TALBOT, INSPECTOR.

April 19 Olive Oil.	48357	W. T. Knapley, Strathroy, 3 bots.	50		Nat. Drug Co., London.	1 4699	Green.	48357	Genuine.	
" 19 "	48359	W. H. Stepler, Strathroy, 3 "	50		W. T. Polson, Toronto.	1 4699	"	48359	"	
" 20 "	48362	H. E. Perrott, Brantford, 3 "	60		R. S. McIndose, Toronto.	1 4697	"	48362	"	
" 20 "	48365	R. M. Roddick, Brantford, 3 "	60		Nat. Drug Co., Toronto.	1 4702	"	48365	"	
" 20 "	48369	M. H. Robertson, Brantford, 3 "	75	J. B. & A. Arnaud, Marseille, France.		1 4697	"	48369	"	
" 20 "	48370	P. Caucello, Brantford, 3 "	85	Spencza and Sansone, Italy.		1 4701	"	48370	"	
" 21 "	48374	F. G. Walley, Ingersoll, 3 "	65		E. G. West, Toronto.	1 4740	100	Brown, Red.	48374	Adulterated
" 21 "	48379	F. E. Gayfer, Ingersoll, 3 "	90		Drug Trading Co., Toronto.	1 4699	Green.	48379	Genuine.	
					Labelled Superfine Olive Oil. F. Bertoli Lucca Tuscany.					

BULLETIN No. 220—OLIVE OIL.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	Inspector's Report. (Is not an expression of opinion.)	RESULTS OF ANALYSIS.				Remarks and Opinion of the Chief Analyst.
				Name and Address of Vendor.	Quantity.			Manufacturer.	Furnisher.	Refractive index at 15°C.	Iodine number.	

DISTRICT OF WINDSOR—J. NO. TALBOT, INSPECTOR—Concluded.

1911.													
April 21	Olive Oil.	48380	A. Macello, Ingersoll.	3 bds.	70	Cattelano, London, Ont.		1.4665		Green		48380	Genuine.
" 21	"	48383	D. Carmello, Ingersoll.	3 "	75	Unknown		1.4692				48383	"

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

April 12	Olive Oil.	43583	McCullough's Drug Store, Winnipeg.	3 bds.	1.20		Virgin Olive Oil <i>Bonastrand Brand.</i>	1.4705		Green.		43583	Genuine.
" 12	"	43584	The Gordon Mitchell Drug Co., Winnipeg.	1 pt.	75	Vendors	Sabon Olive Oil.	1.4701				43584	"
" 12	"	43585	F. Braund, Winnipeg.	1 "	75	Societe des Huiles N. C. Kingston.	Huile d'Olive <i>Viège Extra.</i>	1.4699				43585	"
" 12	"	43586	Angins Drug Store, Winnipeg.	1 "	75	"	Surfine Extra.	1.4699				43586	"
" 12	"	43587	The Clarendon Pharmacy, Winnipeg.	1 "	75	N. A. Drug Co. of Canada, Ltd.	N. A. Drug Co. Olive Oil.	1.4704				43587	"
" 12	"	43588	H. D. Campbell, Winnipeg.	1 "	1.00	Societe des Huiles N. C. Kingston.	Surfine Extra.	1.4699				43588	"
" 12	"	43589	Recees Drug Store, Winnipeg.	1 "	80	A. Guiot & Cie, Aix en Provence.	Huile d'Olive <i>l'era special.</i>	1.4730		102	Brown. Red.	43589	Adulterated.
" 12	"	43590	"	1 "	80	"	Extra fine qua- lity.	1.4710		Green.		43590	Genuine.
" 13	"	43591	Cornell & Co., Winnipeg.	1 qt.	1.25	Alber Bios. Drug Co., St. Louis, U.S.	Maltese Cross <i>Virgin Olive Oil</i>	1.4701				43591	"
" 13	"	43592	Poyntz & Co., Winnipeg.	1 pt.	75	A. Guiot & Cie, Aix en Provence.	Qualite <i>Viège</i> de aix.	1.4699				43592	"

DISTRICT OF CALGARY—E. W. FLETCHER, INSPECTOR

1911.									
May	3 Olive Oil	43822 J. H. Morris & Co., 1 pt. Edmonton.	40 E. Lezenby & Sons, Ltd., London, Eng.	1-4701	Green	43822	Genuine		
"	3 Olive Oil	43823 Hallier & Aldridge, 3 boxes, Edmonton.	90 Crosse & Blackwell, London, Eng.	1-4701	Green	43823	Genuine		
"	3 "	43824 Acme Co., Ltd., Ed-3 mon.	1 35 Bret fils & Bavral, Salona, Provence, France.	1-4699	"	43824	"		
"	3 "	43825 Hudson's Bay Co., Ed-3 mon.	1 00	Mulle d'Olive, Bordeaux.	"	43825	"		
"	3 "	43826 Capital Mercantile Co., 3 Edmonton.	1 50 H. J. Heinz & Co., Pittsburg, Pa.	1-4705	"	43826	"		
"	9 "	43827 C. A. Wallace, Cal-3 gary.	75 Lyman Bros. Co., Toronto.	1-4704	"	43827	"		
"	9 "	43828 Nat. Drug & Chem. Co., Ltd., Calgary.	75	Vendors	"	43828	"		
"	9 "	43829 L. T. Mewburn, & Co., Ltd., Calgary.	45	Crosse & Blackwell, London.	"	43829	"		
"	10 "	43830 Geopson & Co. Ltd., Calgary.	75 Beau marchand, Nice, France.	1-4701	"	43830	"		
"	10 "	43831 Campbell, Wilson & Horne, Calgary.	75	Halbrook & Co., Birmingham.	"	43831	"		
"	10 "	43847 G. F. & J. Galt, Cal-3 gary.	75 Bret fils Aime & Bavral, Salona et Prov. France.	1-4699	"	43847	"		

DISTRICT OF NELSON—THOS. PARKER, INSPECTOR

May	3 Olive Oil	48405 A. McDonald Co., N 3 lbs son, B.C.	60 Jno. Vittucci	1-4699	Green	48405	Genuine
"	3 "	48406 A. McDonald Co., Nel-3 son.	75 Crosse & Blackwell, England.	1-4700	"	48406	"

DISTRICT OF VANCOUVER—J. F. POWER, INSPECTOR

April 25	Olive Oil	38165 Independent Drug Store, Main St. Vancouver, B.C.	75	Fraser & Dick Vancouver.	Green	38165	Genuine
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BULLETIN No. 229—OLIVE OIL

Date of Collection	Name 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 expert's statement of opinion.)	RESULTS OF ANALYSES				Remarks and Opinion of the Chief Analyst
				Quantity	Costs			Toluene m. det. at 15° C.	Nitric Acid Colour test.	Halphen's Colour test.	No. of Sample	
April 25	Olive Oil	38166	Mount Pleasant Pharmacy, 360 Main St., Vancouver	3 bts.	45	J. A. Tepeorten, Vancouver		1.689			38166	Genuine
"	"	38167	Broadway Pharmacy, 3 Granville St., Vancouver	3 "	50	A. Guinot, France		1.491			38167	
"	"	38168	Harrison's Drug Store, 3 Granville St., Vancouver	3 "	75	Canepa & Soci, Genoa, Italy		1.987			38168	
"	"	38169	Ferguson's Drug Store, 3 Granville St., Vancouver	3 "	75	J. Vitucci & Co., Italy		1.479	Green		38169	"
"	"	38170	Woods Pharmacy, Hastings St., Vancouver	3 "	1.05	Unknown		1.470			38170	"
"	"	38171	E. S. Knowlton, Hastings St., Vancouver	3 "	75	W. P. Morris & Co.		1.639			38171	"
"	"	38172	Central Drug Store, Cordova St., Vancouver	3 "	1.05	J. La Tour & Cie, France		1.476			38172	"
"	"	38173	A. & C. G. Gray, Granville St., Vancouver	3 "	75	Crosse & Blackwell, London, Eng.		1.699			38173	"
"	"	38174	J. F. May, Granville St., Vancouver	"	90	Schneider & Schyler, Bordeaux, France		1.470			38174	"

DISTRICT OF VANCOUVER J. F. POWER, INSPECTOR. *Continued.*

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

May	5	Olive Oil	47565	Windsor Grocery Co., 1 pt. Victoria, B.C.	90 American Olive Co., Los Angeles, Cal.	Pure olive oil.	1 4689	Green	47565	Genuine.
"	5	"	47566	D. H. Ross & Co., Vic- toria, B.C.	65 Las Pallas, France.	Virgin olive oil	1 4700	"	47566	"
"	5	"	47567	"	50 Prastelli Alphonso, Lucca, Italy.	Olis d'Olive Sop- rafino.	1 4700	"	47 67	"
"	5	"	47568	"	85 J. E. Kubras, Red- lands, Cal.	Bohemian Club	1 4704	"	47568	"
"	5	"	47569	"	50 Grasse & Blackwell, London, Eng.	Pure Lucca oil	1 4704	"	47569	"
"	5	"	47570	West End Grocery Co., 1 Ld., Victoria, B.C.	65	Mayer & Laing, Olive Extra.	1 4703	"	47570	"
"	5	"	47571	"	65	R. P. Ribbetz Co., Olive Victoria, B.C.	1 4689	"	47571	"
"	11	"	47572	Harrison & McDonald, Ld., Victoria, B.C.	50	John Vitucci, Olive Vancouver.	1 4704	"	47572	"
"	11	"	47573	Copas & Young, Vic- toria, B.C.	65	Nicelle Olive Oil Co., New York	1 4689	"	47573	"
"	11	"	47574	H. O. Kirkham, Vic- toria, B.C.	50	Holbrook & Co., Guar- anteed pure	1 4703	"	47574	"

