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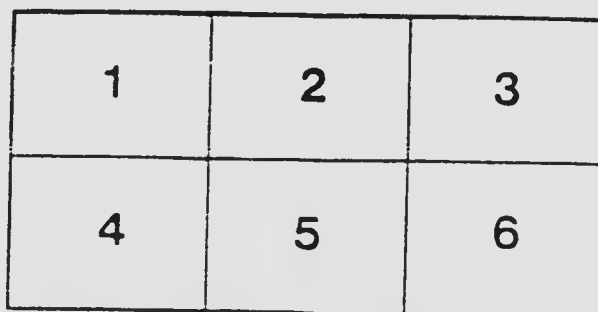
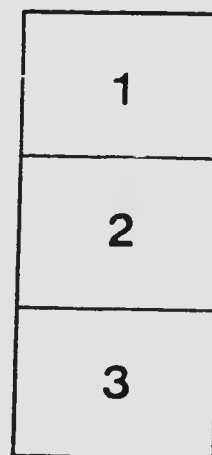
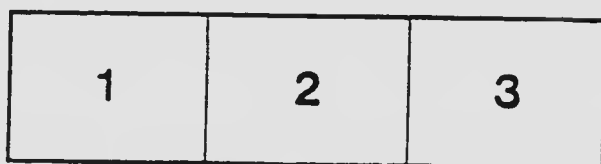
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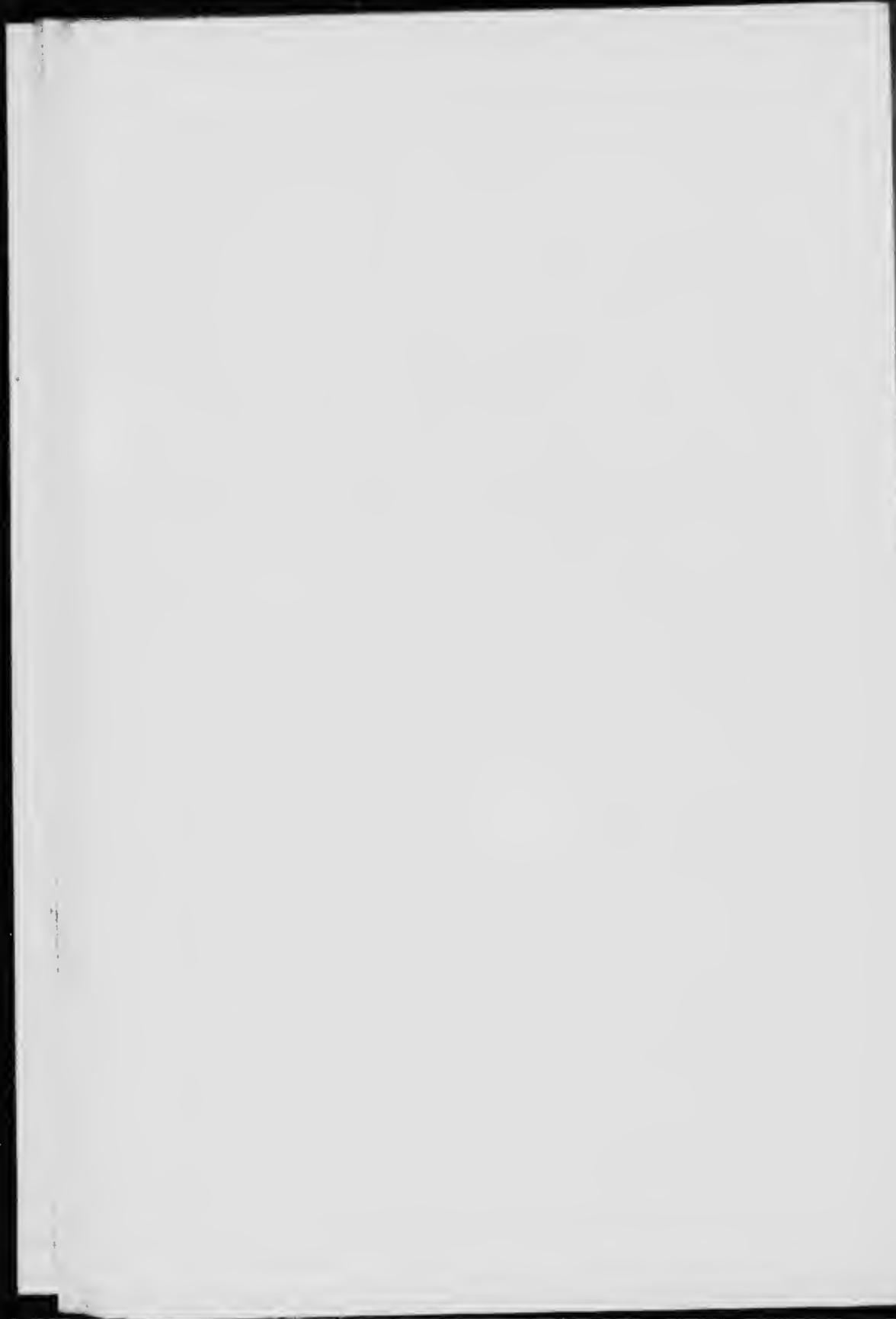
O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 153

GLACIAL ACETIC ACID



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 153

GLACIAL ACETIC ACID

OTTAWA, April 28, 1908.

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

SIR,—I beg to hand you a report upon 45 samples of Glacial Acetic Acid, purchased in retail drug shops, throughout the Dominion, in February of this year.

Of this number, 34 samples contain 95 per cent or more by weight, of real acetic acid, and these I have adjudged as genuine. The British Pharmacopœia, as well as that of the United States, requires Glacial Acetic Acid to contain 99 per cent of true acid. Exposure to moist air, from the frequent unstoppering of bottles, in the ordinary business of dispensing, may account for a dilution of a few units per cent, and I have considered it reasonable to regard as genuine all samples reaching 95 per cent strength.

Eleven (11) samples are decidedly below the standard strength, two samples falling to about 50 per cent.

It is to be remarked that the British Pharmacopœia, in addition to Glacial Acetic Acid, describes an Acetic Acid of 33 per cent strength, and a diluted Acetic Acid of 4.27 per cent.

I would respectfully recommend the publication of this report as Bulletin No. 153.

I have the honour to be, Sir,
Your most obedient servant,

A. MCGILL,
Chief Analyst.

INSPECTION OF GLACIAL ACETIC ACID—BULLETIN 153.

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 Vendor.	Inspector's Report.	RESULTS OF ANALYSIS.		Remarks and Opinion of the Chief Analyst.
				Quantity.	Per Cent.			Per Cent.	Quantity of Sample.	
DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.										
Feb. 13	Glacial acetic acid.	33601	National Drug Co., Halifax, N.S.	8 oz.	30	Unknown	Said to be manufactured in England	96.12	1.038	Genuine
" 18	"	33602	Brown Bros. & Co., Halifax, N.S.	8 "	40	National Drug Co., Halifax, N.S.		97.64	1.049	"
" 21	"	33603	A. C. Bell, New Glasgow, N.S.	8 "	25	"		97.97	1.057	"
DISTRICT OF PRINCE EDWARD ISLAND—T. MOORE, INSPECTOR.										
Feb. 15	Glacial acetic acid.	31219	A. W. Reddin, Charlottetown, P. E. I.	8 oz.	30	National Drug Co., Halifax.		96.00	1.050	Genuine.
" 15	"	31220	McDonald & McKinnon, Charlottetown, P. E. I.	8 "	35	Lyman Sons & Co., Montreal.		96.51	1.046	"
" 18	"	31221	A. W. P. Gourlie, Summerside, P. E. I.	8 "	30	Lyman, Knox & Co., Montreal.		73.03	1.048	Below B. P. strength.
DISTRICT OF NEW BRUNSWICK—J. C. FERGUSON, INSPECTOR.										
Feb. 12	Glacial acetic acid.	29638	Nat. Drug & Chem. Co., Ltd., Mill St., St. John, N. B.	8 oz.	72	Not known	Imported from Germany.	98.29	1.056	Genuine
" 21	"	29639	Fairweather Brothers, Main St., Moncton, N. B.	8 oz.	30	Nat. Drug & Chem. Co., Ltd., St. John, N. B.		98.29	1.053	"
Mar. 7	"	29640	Hunt & McDonald, Fredericton, N. B.	8 "	30	Lyman Sons & Co., Montreal.		93.96	1.049	"

DISTRICT OF QUEBEC - E. BELAND, INSPECTOR.

Feb. 10	Glacial acetic acid.	28579	A. E. Michon, Montmagny, 8 oz.	25 T. E. Livernois, Quebec	78 29	1 073	Below B. P. strength.
" 12	"	28881	E. O. Cloutier, Riviere du Loup, en Bas.	50 W. Brunette & Cie., Quebec	76 40	1 072	"
" 12	"	28886	Dr. T. Kane, Riviere du Loup 8 oz. Station, P.Q.	40 Lyman Sons & Co.	98 58	1 082	Genuine.

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

Feb. 14	Glacial acetic acid.	27945	D. Belleau, Arthabaskaville, 8 oz.	30 Dr. Massicotte, Victoriaville.	97 56	1 054	Genuine.
" 20	"	27946	A. E. DuBerger, Thetford 8 "	40 Lyman, Knox & Co., Montreal	94 43	1 073	
" 24	"	27947	Pharmacie Ostigny, St. Hyacinthe.	20 Lyman Sons & Co., Montreal	97 36	1 060	

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

Feb. 13	Glacial acetic acid.	32566	Henri Lacroix, 820 St. Lawrence St., Montreal.	35 Not known.	96 77	1 054	Genuine.
" 14	"	32567	Leo G. Ryan, 545 Notre Dame West, Montreal.	40 "	98 96	1 061	"
" 18	"	32568	Dr. J. E. St. Ange, Valleyfield, P.Q.	30 Lyman Sons & Co., Montreal	81 13	1 075	Below B. P. strength.

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

Feb. 21	Glacial Acetic Acid	34117	E. M. Ahern, Ottawa, 8 oz.	45 Lyman Sons & Co., Montreal	97 55	1 061	Genuine.
" 21	"		Campe, Ottawa, 8 "	35 Ottawa Drug Co., Ottawa	98 11	1	"
" 21	"		Roche, Ltd., Ottawa 8 "	45 Nat. Drug Co., Ottawa.	97 72	1 066	Vendor said it was taken from bottle labeled 99%.

INSPECTION OF GLACIAL ACETIC ACID—BULLETIN 153.

Date of Collection	Nature of Sample.	No. of Sample	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Firmisher as given by Vendor.	Inspector's Report.	RESULTS OF ANALYSIS.		Remarks and Opinion of the Chief Analyst.
				Quantity.	Cents.			Per cent.	Per cent.	
DISTRICT OF KINGSTON—J. HOGAN, INSPECTOR.										
Feb. 10	Glacial Acetic Acid	33061	W. W. Gibson, King St., Kingston.	8 oz.		40 H. Skinner & Co., Kingston		96.98	1.063	Genuine
" 10	"	33062	H. Wade, King St., Kingston	8 "		40 Not known.		98.20	1.054	
" 10	"	33063	H. Skinner, Kingston.	8 "		40 Nat. Drug Co., Montreal.		97.06	1.062	
DISTRICT OF TORONTO—H. J. DAGER, INSPECTOR.										
Feb. 27	Glacial Acetic Acid	35027	Walker & Abbs, 256 St. Paul St., St. Catharines.	8 oz.		25 Dom. Drug Co., Hamilton.	Sample taken from dispensing room.	95.36	1.063	Genuine.
" 29	"	35028	H. W. Pew, 60 Erie Ave., Niagara Falls.	8 "	40	"	"	97.08	1.050	
Mar. 3	"	35029	Chas. Wilson, 339 Bathurst St., Toronto.	8 "		40 Lyman Knox & Clarkson, Toronto.	Sample taken from stock bottle on shelf.	97.25	1.055	
DISTRICT OF LONDON—T. KIDD, INSPECTOR.										
Feb. 13	Glacial Acetic Acid	30470	E. J. Naasuth, Stratford.	8 oz.		70 J. Winer, Hamilton		96.58	1.063	Genuine.
" 25	"	30482	Frank H. Smith & Co., 81 St. Marys, Ont.	8 "		80 London Drug Co., London, Ont.		51.25	1.056	Below B. P. strength.
" 11	"	30488	Walker McKillop, Wingham	8 "		80 Lyman Bros. & Co., Toronto		73.11	1.071	

DISTRICT OF WINDSOR—J. TALBOT, INSPECTOR.

Feb. 18	Acetic Acid.	34565 H. O. Fleming	40 London Drug Co	95 39	1 058	Genuine.
"	"	34511 G. H. Gunn & Co., Chatham.	30 Winer & Co., Hamilton.	96 29	1 056	"
"	"	34517 Anderson & Nelles, London.	25 National Drug Co.	50 14	1 065	Below R. P. strength. May have been sold as Acetic Acid, but as Glacial Acetic Acid.

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

Feb. 20	Glacial Acetic Acid	25871 W. J. Carson, Killarney, Man.	8 oz	40	Not given	67 71	1 081	Below R. P. strength
"	"	25872 Glenboro Drug Store, Glenboro, Man.	8 "	35	The Bole Drug Co., Winnipeg, Man.	79 13	1 076	"
"	"	25873 The Fulford Leonard Drug Co., Carman, Man.	8 "	35	The Fulford Leonard Drug Co., Winnipeg, Man.	80 02	1 076	"

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

Feb. 21	Glacial Acetic Acid	28886 O. H. Kott, Calgary.	8 oz.	80	Martin Ball Wynne, Winnipeg, Man.	95 93	1 067	Genuine.
"	"	28887 Jas. Findlay & Co., Calgary	8 "	80	Unknown	95 30	1 064	"
"	"	28888 W. Maclean, Calgary	8 "	80	Dom. Drug Co., Hamilton	97 38	1 053	"

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

Feb. 17	Glacial Acetic Acid	34221 J. W. Morrow, Cor. Hastings 9 and Seymour Sts., Vancouver, B.C.	9 oz.	35	Henderson Bros., Ltd., Vancouver, B.C.	99 01	1 056	Genuine.
"	"	34222 Woods Pharmacy, Cor. Hastings and Seymour Sts., Vancouver, B.C.	9 "	45	"	98 58	1 050	"
"	"	34223 Wm. Harrison Co., Ltd., Cor Granville and Pender Sts., Vancouver, B.C.	9 "	50	"	81 79	1 067	Below R. P. strength.

INSPECTION OF GLACIAL ACETIC ACID—BULLETIN 153.

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 Vendor.	Inspector's Report.	RESULTS OF ANALYSIS.		Remarks and Opinion of the Chief Analyst.
				Quantity.	Cents.			Percent. acetic acid.	Specific gravity of Sample.	

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

Feb. 28	Glacial Acetic Acid	34883	D. E. Campbell, Victoria, B.C.	8 oz.	30	Lyman & Son, Montreal, Que.	.....	97.68	1.060	17. nuine.
" 28	"	34886	W. Jackson & Co., Victoria, B.C.	8 "	50	Henderson Bros., Victoria, B.C.	.....	96.59	1.056	"
" 28	"	34889	Geo. A. Fraser, Victoria, B.C.	8 "	30	"	.....	96.09	1.049	"

