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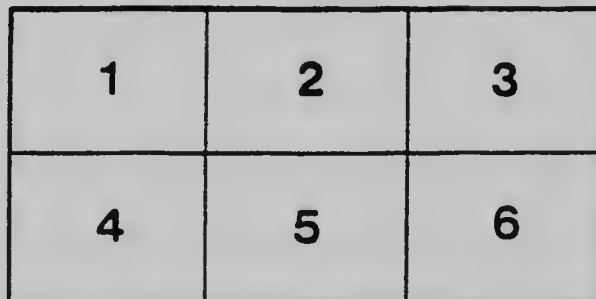
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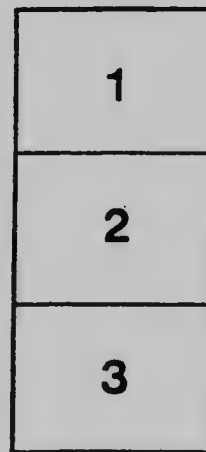
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O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 146

D R U G S

BISMUTH SUBNITRATE, POTASSIUM BROMIDE, PHENACETIN

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 146.

DRUGS.

Bismuth Subnitrate; Potassium Bromide; Phenacetin.

OTTAWA, January 25, 1908.

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

SIR,—I have the honour to report upon 196 samples of Drugs, collected in December last; and consisting of the following:—

Table I—Bismuth Subnitrate.....	55	samples.
“ II—Potassium Bromide.....	57	“
“ III—Phenacetin.....	84	“
Total.....	196	

These were obtained in each of the (14) inspectoral districts of the Dominion, and doubtless represent, very fairly, the character of the drugs named, as sold throughout Canada.

It is very gratifying to know that, in no case has anything which could be properly called adulteration been found.

Bismuth Subnitrate. (See Table I). The percentage of Bismuth has been determined by conversion to the oxide. Tests for Lead, Arsenic and Carbonic Acid have been carefully made. With exception of two samples (Nos. 26355 and 31562), the requirements of the British Pharmacopœia were fully met.

The two samples excepted are *Oxy-carbonate of Bismuth*, and are manifestly furnished as errors in dispensing. These two preparations of Bismuth (Subnitrate and Oxy-carbonate) are so similar in their medicinal value that the error is not a serious one. But such errors should not occur.

Potassium Bromide. (See Table II). The British Pharmacopœia describes this drug as required to be within *one per cent* of chemical purity; and to contain no trace of the heavy metals, or of Cyanides. In all these respects the whole of the 53 samples examined were found to be satisfactory.

Phenacetin. (See Table III). Six samples from each inspectoral district were examined as regards specific identity, and absence of Antifebrin (Acetanilide) and parafenetidin. All were found to be of requisite purity.

The analytical work herein has been done by Mr. Lemoine and Mr. Valin of this staff.

I beg to recommend the publication of this report as Bulletin No. 146.

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

A. MCGILL,
Chief Analyst.

TABLE

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.
				Quantity.	Cts.	
1907.				Oz.	Cts.	
<i>District of Nova Scotia—</i>						
Dec. 3.	Bismuth subnitrate..	27379	Jan. Walsh, Halifax, N.S.	1½	35	National Drug Co., Halifax, N.S.
" 3.	"	27380	A. H. Buckley, Halifax, N.S.	1½	45	Unknown.
" 3.	"	27381	National Drug, Halifax, N.S.	1½	27	Vendor
" 10.	"	27342	A. S. Hutchins, Liverpool	1½	45	National Drug Co., Halifax, N.S.
<i>District of Prince Edward Island—</i>						
Dec. 4.	Bismuth subnitrate..	31205	Dr. J. McNeill, Summerside..	1½	45	National Drug Co., St. John, N.B.
" 4.	"	31206	A. W. P. Gcurlie, Summerside	1½	38	" " ..
" 7.	"	31207	G. E. Hughes, Charlottetown.	1½	38	" " ..
" 7.	"	31208	Red Cross Pharmacy, Charlotte- town.	1½	25	" " ..
<i>District of New Brunswick—</i>						
Dec. 6.	Bismuth subnitrate..	29624	E. Clinton Brown, St. John, N.B.	1½	45	The National Drug Co., Ltd., St. John, N.B.
" 18.	"	29625	J. McI. Cooke, Moncton, N.B.	1½	38	" " ..
Jan. 4.	"	29626	Arthur J. Ryan, Fredericton, N.B.	1½	30	" " ..
" 7.	"	29627	Garden Bros., Woodstock, N.B.	1½	38	" " ..
<i>District of Quebec—</i>						
Dec. 3.	Bismuth subnitrate..	26335	T. A. Peltier, 148 Notre Dame	1½	60	National Drug Co.
" 3.	"	26354	R. W. Williams, coin Notre Dame et Platon.	1½	38	" Montreal
" 3.	"	26355	T. A. Peltier, 148 Notre Dame	1½	90	"
" 3.	"	26357	L. P. Normand, 32 rue des Forges.	1½	39	"
<i>District of St. Hyacinthe—</i>						
Dec. 12.	Bismuth subnitrate..	27930	Dr. P. A. Bédard, Drummond- ville.	1½	75	National Drug Co., Mont- real.
" 2.	"	27931	Dr. Guay, St. Jean.	1½	35	Not known.
" 5.	"	27932	W. H. Griffith, Sherbrooke....	1½	50	National Drug Co., Mont- real.
" 10.	"	27933	Dr. Sylvester, Sorel	1½	35	" " ..

I.

Inspector's Report.	RESULTS OF ANALYSIS.				Opinion of the Chief Analyst.
	Bismuth Oxide.	Lead.	Arsenic.	Carbonate.	
	p. c.				

R. J. Waugh, Inspector.

.....	81.0	None...	None...	None...	Genuine.
.....	80.7	"	"	"	"
.....	80.9	"	"	"	"
.....	81.0	"	"	"	"

T. Moore, Inspector.

.....	82.0	None...	None...	None...	Genuine.
.....	80.6	"	"	"	"
.....	81.1	"	"	"	"
.....	80.9	"	"	"	"

J. C. Ferguson, Inspector.

.....	81.4	None...	None...	None...	Genuine.
From 1 lb. stock bottle.....	80.6	"	"	"	"
From stock bottle in store.....	81.0	"	"	"	"
" "	80.2	"	"	"	"

E. Beland, Inspector.

.....	80.4	None...	None...	None...	Genuine.
.....	81.1	"	"	"	"
.....	80.8	"	"	Present. CO ₂ Approx., #	also present
.....	80.3	"	"	None...	Genuine.

J. C. Roubeau, Inspector.

.....	80.7	None...	None...	None...	Genuine.
From 1 lb. package.....	80.6	"	"	"	"
.....	80.3	"	"	"	"
.....	81.0	"	"	"	"

TABLE

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.
				Quantity.	Cts.	
1907.				Oz.		
<i>District of Montreal—</i>						
Dec. 3.	Bismuth subnitrate..	31559	E. Ethier, Montreal	1½	35	Lyman-Knox Co, Montreal
" 5.	" ..	31562	Joseph Pigeon, Montreal	1½	38	Not known.....
" 5.	" ..	31566	A. Lebeau, Montreal	1½	75	Lyman, Sons & Co., Montreal.
" 11.	" ..	31567	S. Gilbert, St. Jerome, Que... ..	1½	30	Lyman-Knox Co.....
<i>District of Ottawa—</i>						
Dec. 9.	Bismuth subnitrate..	34071	F. W. Day, Ottawa	1½	65	E. B. Shuttleworth, Chem. Co., Toronto.
" 9.	" ..	34072	Weldon J. Graham, Ottawa ..	1½	60	Burroughs, Weloom & Co., London, England.
" 13.	" ..	34073	C. A. MacHaffie, Cornwall ...	1½	40	Lyman, Sons & Co., Montreal.
" 17.	" ..	34074	Johnston's Drug Store, Arnprior.	1½	75	National Drug Co., Ottawa
<i>District of Kingston—</i>						
Dec. 3.	Bismuth subnitrate..	32497	F. C. Clarke, Belleville... ..	1½	45	National Drug Co., Montreal.
" 3.	" ..	32498	D. M. Waters, Belleville.....	1½	38	Mallinckrodt, N.Y.....
" 4.	" ..	32499	S. H. Macdonald, Peterborough	1½	30	Lyman and Sons, Montreal.
" 4.	" ..	32500	J. D. Tully, Peterborough....	1½	30	Hawes, England.....
<i>District of Toronto—</i>						
Dec. 11.	Bismuth subnitrate..	33387	W. J. MacFadden, Orillia....	1½	35	Elliot & Co. of Nat. Drug Co., Toronto.
" 12.	" ..	33388	D. H. MacLaren, Barrie.....	1½	50	Nat. Drug & Chem. Co., Montreal.
" 12.	" ..	33389	F. G. Muxlow, Meaford... ..	1½	30	Howard & Sons, E. C.....
" 17.	" ..	33390	T. Steveson, Orangeville.....	1½	30	Lyman Bros., Toronto....
<i>District of London—</i>						
Nov. 29.	Bismuth subnitrate..	30443	John Roberts, Seaforth... ..	1½	30	Elliot & Co., Toronto.....
Dec. 20.	" ..	35011	Clark Bros., Berlin.....	1½	60	Howard & Sons,
" 24.	" ..	35012	H. O. Fleming, Windsor.....	1½	20	Merek, Darmstadt.....

1—Continued.

Inspector's Report.	RESULTS OF ANALYSIS.				Opinion of the Chief Analyst.
	Bismuth Oxide.	Lead.	Arsenic.	Carbonate.	
	p. c.				

J. J. Costigan, Inspector.

.....	81.7	None...	None...	None...	Genuine.
.....	82.7	"	"	Present.	CO ₂ Approx., 9 p. c.; nitrate also present.
.....	80.7	"	"	None...	Genuine.
.....	80.4	"	"	"	"

J. A. Riskey, Inspector.

.....	80.0	None...	None...	None...	Genuine.
.....	80.2	"	"	"	"
.....	80.7	"	"	"	"
.....	79.8	"	"	"	"

J. Hogan, Inspector.

.....	80.4	None...	None...	None...	Genuine.
.....	80.0	"	"	"	"
.....	80.5	"	"	"	"
.....	81.0	"	"	"	"

H. J. Dager, Inspector.

Sample taken from stock bottle on shelf.	80.9	None...	None...	None...	Genuine.
" " " "	80.4	"	"	"	"
Original was labelled Howard & Sons, C. E.	79.8	"	"	"	"
Sample taken from stock bottle.	80.9	"	"	"	"

S. Kidd, Inspector.

.....	82.0	None...	None...	None...	Genuine.
Sample taken from stock bottle.	80.0	"	"	"	"
Vendor keeps sample in stock bottle. Buys in 1 oz. pkgs.	80.8	"	"	"	"

TABLE

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.
				Oz.	Cts.	
1907.				Oz.	Cts.	

District of Manitoba—

Dec. 10.	Bismuth subnitrate.	25656	G. McCulloch, Brandon	1½	30	Lyman Bros., Toronto....
" 10.	"	25664	Kennedy's Pharmacy, Brandon	1½	30	The Bole Drug Co., Winni- peg, Man.
" 12.	"	25682	M. Ruckle, Winnipeg	1½	35	"
" 16.	"	25695	Dunkin's Drug Store, Portage la Prairie.....	1½	75	Not given.....

District of Calgary—

Jan. 8.	Bismuth subnitrate..	28842	Bole Drug Co., Calgary.....	1½	30	Nat. Drug Co., Montreal..
" 8.	"	28843	Oliver Bros., Calgary.....	1½	30	" " ..
" 8.	"	28844	Curry & Cope, Calgary	1½	30	" " ..
" 8.	"	28845	W. McLean, Calgary.....	1½	30	" " ..

District of Vancouver—

Dec. 17.	Bismuth subnitrate..	32187	Woods Pharmacy, Vancouver.	1½	45	Henderson Bros., Vancou- ver.
" 17.	"	32188	J. W. Morrow, Vancouver....	1½	50	W. J. Bush & Co., London, Eng.
" 17.	"	32189	Woodward's Dept. Stores, Van- couver	1½	40	Henderson Bros., Vancou- ver.
" 17.	"	32190	The McDowell, Atkins, Wat- kins Co	1½	70	" ..

District of Victoria—

Dec. 12. 1908.	Bismuth subnitrate..	34801	E. Pimbury & Co., Nanaimo, B.C.	1½	35	Lyman Bros., Toronto.
Jan. 28.	"	34834	D. E. Campbell, Victoria, B.C.	1½	35	Malunkrodt Chem. Co., N.Y.
" 28.	"	34837	Terry & Maret, " ..	1½	35	" " "
" 28.	"	34840	George Moran, " ..	1½	35	Nat. Drug Co., Montreal.

I—Concluded.

Inspectors' Report.	RESULTS OF ANALYSIS.				Opinion of the Chief Analyst.
	Bismuth Oxide.	Lead.	Arsenic.	Carbonate.	
p. c.					

A. C. Larivière, Inspector.

.....	79.7	None...	None...	None...	Genuine.
.....	80.2	"	"	"	"
.....	80.7	"	"	"	"
.....	80.5	"	"	"	"

R. W. Fletcher, Inspector.

.....	81.0	None...	None...	None...	Genuine.
.....	81.3	"	"	"	"
.....	80.3	"	"	"	"
.....	82.0	"	"	"	"

E. B. Parkinson, Inspector.

.....	80.3	None...	None...	None...	Genuine.
.....	79.3	"	"	"	"
.....	80.3	"	"	"	"
.....	81.8	"	"	"	"

D. O. Sullivan, Inspector.

.....	80.0	None...	None...	None...	Genuine.
.....	79.9	"	"	"	"
.....	79.8	"	"	"	"
.....	80.4	"	"	"	"

TABLE II.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report.	Results of Analysis.		Opinion of the Chief Analyst.
				Quantity.	Ozs.			Ag NO ₃ %	Potassium Bromide cc. per gramme.	
1907.				Oz.	Cts.			P.c.		
<i>District of Nova Scotia—R. J. Waugh, Inspector.</i>										
Dec. 3.	Potassium Bromide.	27385	Jas. Walsh, Halifax, N.S.	1½	15	National Drug Co., Halifax, N.S.	.....	83.6	99.48	Pharmaceutically, pure.
" 3.	"	27384	A. H. Buckley " "	1½	5	Unknown " " " "	.....	84.2	100.29	" " "
" 3.	"	27385	Nat. Drug Co. " "	1½	15	Powers & Weightman, Philadelphia.	.....	84.6	100.07	" " "
" 4.	"	27386	M. P. McCaffery " "	1½	30	Can. Drug Co., St. John, N.B.	.....	84.2	100.20	" " "
<i>District of Prince Edward Island—T. Moore, Inspector.</i>										
Dec. 4.	Potassium Bromide.	31209	Dr. J. McNeill, Summerside.	1½	10	Nat. Drug Co., Halifax, N.S.	.....	84.0	99.96	Pharmaceutically, pure.
" 4.	"	31210	P. N. Enman, Summerside.	1½	15	" " " " " "	.....	84.0	99.96	" " "
" 4.	"	31211	A. W. Reddin, Charlottetown.	1½	15	Lyman & Sons, Montreal.	.....	83.6	99.48	" " "
" 4.	"	31212	G. E. Hughes, Charlottetown.	1½	15	Nat. Drug Co., Halifax, N.S.	.....	83.8	99.72	" " "
<i>District of New Brunswick—J. C. Ferguson, Inspector.</i>										
Dec. 6.	Potassium Bromide.	29628	W. Hawker & Son, St. John, N.B.	1½	30	Evans & Son, Montreal.	.....	84.6	100.67	Pharmaceutically, pure.
" 19.	"	29629	A. E. Shaw, Newcastle, N.B.	1½	15	Nat. Drug Co., Ltd., St. John, N.B.	.....	84.4	100.43	" " "
" 18.	"	29630	Francis McKay, Moncton.	1½	15	Powers & Weightman, Philadelphia.	.....	84.6	100.67	" " "
Jan. 7.	"	29631	The Sheagreen Drug Co., Woodstock, N.B.	1½	15	Nat. Drug & Chem. Co., Ltd., St. John, N.B.	From stock bottle in store.	84.0	99.96	" " "

District of Quebec—E. Beland, Inspector.

Dec. 3.	Potassium Bromide	26358	R. W. Williams, Coin Notre-Dame et Peaton.	1½	15	Lyman Knox Co.	84·6	100·67	Pharmacopœically, pure.
" 3.	"	26359	T. A. Febrier, 148 Notre-Dame.	1½	15	National Co.	84·0	99·96	" "
" 4.	"	26360	L. P. Normand, 32 Rue des Forges.	1½	12	Lyman Son Co.	84·6	100·67	" "
" 4.	"	26361	" " "	1½	5	"	84·6	100·67	" "

District of St. Hyacinthe—J. C. Rouleau, Inspector.

Dec. 3.	Potassium Bromide	27935	Dr. O. Demers, Faruham	1½	15	Lyman Knox, Montreal.	84·4	100·43	Pharmacopœically, pure.
" 5.	"	27936	F. D. Hewitt, Sherbrooke.	1½	15	National Drug	84·6	100·67	" "
" 6.	"	27937	Dr. Laurendeau, Victoria-ville.	1½	15	Not known	84·2	100·29	" "
" 11.	"	27938	Dr. P. E. Gelinus, Pierre-ville.	1½	15	Nat. Drug, Montreal.	84·4	100·43	" "

District of Montreal—J. J. Costigan, Inspector.

Dec. 3.	Potassium Bromide	31560	E. Ethier, Montreal.	1½	15	Lyman Knox Co., Montreal	84·4	100·43	Pharmacopœically, pure.
" 5.	"	31563	Joseph Pigeon, Montreal.	1½	15	Not known	84·4	100·43	" "
" 11.	"	31568	S. Gilbert, St. Jerome, P. Q.	1½	10	Kent & Stevenson, Montreal.	84·6	100·67	" "
" 13.	"	31570	J. T. Gaudet, Juliette	1½	15	real.	84·6	100·67	" "

District of Ottawa—J. A. Riekey, Inspector.

Dec. 9.	Potassium Bromide	34075	A. J. Brownlie, Ottawa.	1½	15	Lyman Sons	83·8	99·72	Pharmacopœically, pure.
" 9.	"	34076	R. M. Arbutnot, Ottawa.	1½	15	Nat. Drug & Chem. Co.	84·0	99·96	" "
" 13.	"	34077	Medical Hall Co., Cornwall.	1½	15	Not known	84·6	100·67	" "
" 17.	"	34078	C. A. Ramshaw, Amprior.	1½	15	"	83·8	99·72	" "

District of Kingston—J. Hogan, Inspector.

Dec. 3.	Potassium Bromide	33057	F. C. Clark, Belleville.	1½	15	Nat. Drug Co., Montreal.	84·6	100·67	Pharmacopœically, pure.
" 3.	"	33058	D. M. Waters, Belleville.	1½	15	Lyman, Montreal.	84·2	100·29	" "
" 4.	"	33069	S. H. MacDonald, Peterborough.	1½	15	Lyman Sons, Montreal.	84·6	100·67	" "
" 4.	"	33060	J. D. Tully, Peterborough.	1½	15	Nat. Drug Co., Montreal.	84·2	100·29	" "

District of Calgary—R. W. Fletcher, Inspector.

Jan. 8.	Potassium Bromide	28846	Bole Drug Co., Calgary...	1½	10	Unknown	84·0	99·96	Pharmacopœally, pure.
" 8.	"	28847	Oliver Bros., Calgary...	1½	30	Nat. Drug Co., Montreal...	84·2	100·29	"
" 8.	"	28848	Curry & Cope, Calgary...	1½	10	"	84·0	99·96	"
" 8.	"	28849	W. McLean, Calgary...	1½	10	"	84·2	100·29	"

District of Vancouver—E. B. Parkinson, Inspector.

Dec. 17.	Potassium Bromide	32191	Woods' Pharmacy, Vancouver.	1½	25	Hendersen Bros., Vancouver.	84·2	100·29	Pharmacopœally, pure.
" 17.	"	32192	J. W. Morrow, Vancouver.	1½	35	W. J. Bush & Co., London, Eng.	34·0	99·96	"
" 17.	"	32193	Woodward Dept. Stores, Vancouver.	1½	15	Hendersen Bros., Vancouver.	84·0	99·96	"
" 17.	"	32194	The McDowell, Atkins, Watkins Co., Vancouver.	1½	25	"	83·8	99·72	"

District of Victoria—D. C. Sullivan, Inspector.

Dec. 12. 1908.	Potassium Bromide	34803	E. Pimbury & Co., Nanaimo, B.C.	1½	25	Nat. Drug & Chem. Co., Canada.	83·6	99·48	Pharmacopœally, pure.
Jan. 28.	"	34835	D. E. Campbell, Victoria, B.C.	1½	30	Lynman Sons, Montreal...	84·0	99·96	"
" 28.	"	34838	Terry & Maret, Victoria, B.C.	1½	25	"	84·4	100·41	"
" 28.	"	34841	Geo. Morison, Victoria, B.C.	1½	50	Nat. Drug Co., Montreal.	81·2	100·19	"

TABLE III.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Firm, as given by the Vendor.	Inspector's Report.	Results of Analysis.			Opinion of the Chief Analyst.
				Quantity.	Oz. \$ ctrs.			Identification Test.	Antifebrin (Acetanilide).	Paraphenetidine.	

District of Nova Scotia—R. J. Waugh, Inspector.

Dec. 3.	Phenacetin.	27387	National Drugs, Halifax.	1½	0 30	Basle Chem. Works Switzerland.	.....	Present.	None.	Genuine.	
" 4.	"	27388	C. A. Barnstead	1½	0 35	Unknown.	.....	"	"	"
" 4.	"	27389	C. S. Huggins	1½	0 53	F. Bayer, Elberfeld, Ger.	.....	"	"	"
" 4.	"	27390	A. W. Cameron	1½	0 55	" " " "	.....	"	"	"
" 4.	"	27391	M. P. Caffery	1½	0 55	Nat. Drug Co.	.....	"	"	"
" 5.	"	27392	Irwin & Sons	1½	0 75	F. Bayer, Elberfeld, Ger.	.....	"	"	"

District of Prince Edward Island—T. Moore, Inspector.

Dec. 3.	Phenacetin.	31213	Johnson & Johnson, Charlottetown.	1½	0 39	E. Merck, Germany.	.....	Present.	None.	Genuine.	
" 4.	"	31214	A. W. P. Gourlie, Summerside.	1½	0 45	Nat. Drug Co., St. John, N.B.	.....	"	"	"
" 5.	"	31215	Jardine & Bernard, Kensington.	1½	0 50	C. F. Boebring & Sons, Germany.	.....	"	"	"
" 5.	"	31216	E. Keir, Kensington.	1½	0 45	E. Merck, Germany. . . . .	.....	"	"	"
" 7.	"	31217	A. W. Reddin, Charlottetown.	1½	0 45	Bayer & Co., Elberfeld, Ger.	.....	"	"	"
" 9.	"	31218	C. D. Rankin, Charlottetown.	1½	0 60	Evans Sons, Lescher & Webb, Liverpool, G.B.	.....	"	"	"

District of New Brunswick—J. C. Ferguson, Inspector.

Dec.	Phenacetin.....	29632 The Nat. Drug and Chem. Co., Ltd., St. John, N.B.	3	1 50	Fred. Bayer, Elberfeld, Ger.	No. 184 on package.....	Present.	None.	Genuine.
"	"	29633 Geo. A. Moor	1½	0 60	"	Sample taken from original package.	"	"	"
"	"	29634 Fairweather Bros., Montreal, N.B.	1½	0 30	"	"	"	"	"
"	"	29635 A. W. G. McDonald, Campbellton, N.B.	1½	0 75	"	"	"	"	"
Jan.	"	29636 Alonzo Staples, Fredericton, N.B.	1½	0 50	The Can. Drug Co., Ltd., St. John, N.B.	From stock, bottle, Merck, Germany.	"	"	"
"	"	29637 E. W. Mair, Woodstock, N.B.	1½	0 30	E. Merck, Darmstadt, Ger.	From original 1st package, on package, made in Ger.	"	"	"

District of Quebec—E. Beland, Inspector.

Dec.	Phenacetin.....	26362 R. W. Williams, coin Notre-Dame et Platon.	1½	0 40	Lyman Knox.....	Present.	None.	Genuine.
"	"	26363 S. A. Peltier, 148 N. Dame	1½	0 25	"	"	"	"
"	"	26364 L. P. Normand, 32 rue des Forges.	1½	0 20	Lyman Sons Co.....	"	"	"
"	"	26365 O. T. Dion, Levis.....	1½	0 75	Bayer.....	"	"	"
"	"	26376 W. Brunet et Cie, Quebec.	3	1 05	"	"	"	"
"	"	26377 L. E. Martel	3	0 65	"	"	"	"

District of St. Hyacinthe—J. C. Rouleau, Inspector.

Dec.	Phenacetin.....	27939 Dr. O. Demers, Farnham.	1½	0 40	Polson, Kingston, Ont.....	Present.	None.	Genuine.
"	"	27940 Dr. G. A. Coderre, Megantic.	1½ <td>0 75 <td>Lyman Knox, Montreal...</td> <td>Box marked Para-acetphenetidin powdered, made in Switzerland, 33248.</td> <td>"</td> <td>"</td> </td>	0 75 <td>Lyman Knox, Montreal...</td> <td>Box marked Para-acetphenetidin powdered, made in Switzerland, 33248.</td> <td>"</td> <td>"</td>	Lyman Knox, Montreal...	Box marked Para-acetphenetidin powdered, made in Switzerland, 33248.	"	"
"	"	27941	1½ <td>0 60</td> <td>"</td> <td>Box marked No. 400086, T. Bayer & Co.</td> <td>"</td> <td>"</td>	0 60	"	Box marked No. 400086, T. Bayer & Co.	"	"
"	"	27942 J. C. Sutherland, Richmon	1½ <td>0 37</td> <td>"</td> <td>Box marked Para-acetphenetidin, E. Merck, Germany.</td> <td>"</td> <td>"</td>	0 37	"	Box marked Para-acetphenetidin, E. Merck, Germany.	"	"
"	"	27943 Dr. J. P. H. Massicotte, Victoriaville.	1½ <td>0 75</td> <td>Dr. Peltier, Victoriaville...</td> <td>any jar marked Phenacetine...</td> <td>"</td> <td>"</td>	0 75	Dr. Peltier, Victoriaville...	any jar marked Phenacetine...	"	"
"	"	27944 P. F. Chevalier, Sorel....	1½ <td>0 45</td> <td>Not known.</td> <td>"</td> <td>"</td> <td>"</td>	0 45	Not known.	"	"	"

TABLE III—Continued.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report.	Results of Analysis.			Opinion of the Chief Analyst.
				Quantity:	Oz.			Identification Test.	Antifebrine (Acetanilide).	Paraphenetidine.	

District of Montreal—J. J. Costigan, Inspector.

Dec. 3.	Phenacetin.....	31561	E. Ethier, Montreal.	1½	0 58	Lyman Knox & Co., Montreal.						
" 5.	"	31564	Joseph Pigeon, Montreal.	1	0 30	Not known						
" 5.	"	31565	A. Lebeau "	1½	0 75	Lyman Sons Co., Montreal.						
" 11.	"	31569	E. N. Fournier, St. Jérôme, P. Q.	1½	0 40	Nat. Drug and Chem. Co.						
" 16.	"	31571	P. McCormack, Montreal.	1½	0 40	"						
" 16.	"	31572	J. A. Nicolle "	1½	0 40	"						

District of Ottawa—J. A. Ricky, Inspector.

Dec. 9.	Phenacetin.....	34079	F. W. Day, Ottawa.	1½	0 45	Lyman Sons						
" 10.	"	34080	Wm. A. Lloyd, Ottawa.	1½	0 60	Sayer & Co., Elberfeld, Ger.						
" 10.	"	34081	E. D. Story, Ottawa.	1½	0 75	Burgoyne Burbeidges & Co.						
" 11.	"	34082	Dr. A. Robillard & Son, Ottawa.	1½	0 75	Bayer, Elberfeld, Germany						
" 13.	"	34083	E. H. Brown, Cornwall.	1½	0 40	Bayer, Paris						
" 17.	"	34084	A. T. Budd, Arnprior.	1½	0 75	Bayer, Germany						

District of Kingston—J. H. Hogan, Inspector.

Dec.	3.	Phenacetin.					Present.	None.	None.	Genuine.
	3.	"	33050	G. Watson, Port Hope	0 60		"	"	"	"
	"	"	33061	H. C. Clark, Belleville	0 60	Borkringer & Soncher, Ger.	"	"	"	"
	"	"	33063	D. M. Waters, Belleville	0 38	C. F. Borkinger & Soncher.	"	"	"	"
	"	"	33064	H. W. Mitchell, Port Hope	0 50	Mercks	"	"	"	"
	"	"	33055	S. H. Macdonald, Peterboro	0 50	Lyman & Son, Montreal	"	"	"	"
	"	"	33056	J. D. Tully, Peterboro	0 75	Bayer	"	"	"	"

District of Toronto—H. J. Dager, Inspector.

Dec.	9.	Phenacetin.					Present.	None.	None.	Genuine.
	9.	"	33381	C. A. Nettleton, Penetanguishene.	0 50	Beale Chem. Works, Switz.	Sample sold as Phenacetin.	"	"	"
	"	"	33382	J. S. Fraleigh, Midland	0 75	Dom. Drug Co., Hamilton.	Vendor said it was parceled to him from bulk with no label attached.	"	"	"
	"	"	33383	H. Cook & Co., Orillia	0 75	Lyman Bros., Toronto		"	"	"
	"	"	33384	A. H. Johnson, Collingwood	0 50	Hoffman & Laroche Co.	Sample taken from original package.	"	"	"
	"	"	33385	Parker & Co., Owen Sound	0 50	F. Bayer & Co., Elberfeld.		"	"	"
	"	"	33386	A. C. Cook, Brampston	0 50	E. Merck, Darmstadt.		"	"	"

District of London—T. Kidd, Inspector, and H. J. Dager, Acting Inspector.

Dec.	2.	Phenacetin.					Present.	None.	None.	Genuine.
	2.	"	30451	E. C. Naesmith, Stratford	0 30	E. Merck, Germany.		"	"	"
	"	"	30456	J. E. Hoyce, Clinton	0 50	Not known	Brand: Alberfeld Bayer.	"	"	"
	"	"	30461	Chas. Abernart, Seaforth	0 60	Lyman Bros., Toronto.		"	"	"
	"	"	35006	J. H. Nasmyth & Co., Woodstock	0 35	Drug Trading Co., Toronto	Vendor purchased sample in original boxes labeled, Para-acetophenetidine powder made in Switz'd.	"	"	"
	"	"	35007	C. H. Gunn & Co., Chatham	0 45	Merck & Co., Darmstadt.	Sample taken from stock bottle.	"	"	"
	"	"	35008	W. T. Strong, London	0 75	"		"	"	"

TABLE III—Continued.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.		Cust.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report.	Results of Analysis.			Opinion of the Chief Analyst.
			Quantity.		Qty.	\$ cts.			Identification Test.	Anthebrine (Acetanilide)	Paraphenetidine.	

District of Manitoba—A. C. Lavigne, Inspector.

Dec. 10.	Phenacetin.	26658	G. McCulloch, Red Cross Drug Co., Brandon.		1½	0 75	E. Merck, Darmstadt, Ger.			Present.	None.	Genuine.
" 10.	"	26666	Kennedy's Pharmacy, Brandon.		1½	0 60	"			"	"	"
" 12.	"	26684	M. Kuckee, Winnipeg.		1½	0 40	The Boll Drug Co., Winnipeg.			"	"	"
" 16.	"	26697	Cowan's Drug Store, Portage la Prairie.		1½	0 75	Not given.			"	"	"
" 16.	"	26700	J. K. Hall, Portage la Prairie.		1½	0 75	E. Merck, Darmstadt, Ger.			"	"	"
" 18.	"	26848	Harrison Bros., Winnipeg.		1½	0 45	Not given.			"	"	"

District of Calgary—R. W. Fletcher, Inspector.

Jan. 8.	Phenacetin.	28850	H. Bott, Calgary.		1½	0 30	E. Merck, Darmstadt.			Present.	None.	Genuine.
" 8.	"	28851	Boll Drug Co., Calgary.		1½	0 30	Unknown.			"	"	"
" 8.	"	28852	Oliver Bros., Calgary.		1½	0 30	Bayer & Co., Germany.			"	"	"
" 8.	"	28853	Curry & Cope, Calgary.		1½	0 30	"			"	"	"
" 8.	"	28854	C. A. Wallace, Calgary.		1½	0 30	"			"	"	"
" 8.	"	28855	W. McLean, Calgary.		1½	0 30	"			"	"	"

District of Vancouver—E. B. Parkinson, Inspector.

Dec. 17.	Phenacetin..	32185	Wood's Pharmacy, Vancouver.	1 1/2	0 60	The Dom. Drug & Chem. Co., Hamilton.	Present Name.	Name.	Genuine.
" 17.	"	32186	J. W. Morrow, Vancouver	1 1/2	0 75	Henderson Bros, Vancouver	"	"	"
" 17.	"	32187	Woodward's Dept. Stores, Vancouver.	1 1/2	0 75	Dom. Drug and Chem. Co., Hamilton.	"	"	"
" 17.	"	32188	The McDowell Atkins Watkins Co.	1 1/2	0 85	J. D. Riedel, Berlin, Ger.	"	"	"
" 17.	"	32189	The Red Cross Drug Store, Vancouver.	1 1/2	0 60	Friedo Bayer & Co., Elberfeld, Prussia.	"	"	"
" 17.	"	32200	Terry & Maret, Vancouver	1 1/2	0 75	F. Hoffman, Laroche & Co., Basel, Switzerland.	"	"	"

District of Victoria—D. O. Sullivan, Inspector.

Dec. 12. 1908.	Phenacetin..	34892	F. Pinbury & Co., Nanaimo, B.C.	1 1/2	0 25	Henderson Bros., Vancouver.	Present Name.	Name.	Genuine.
Jan. 28.	"	34836	D. E. Campbell, Victoria, B.C.	1 1/2 <td>0 90</td> <td>Fred. Bayer & Co., Elberfeld, Ger.</td> <td>"</td> <td>"</td> <td>"</td>	0 90	Fred. Bayer & Co., Elberfeld, Ger.	"	"	"
" 28.	"	34850	Terry & Maret, Victoria, B.C.	1 1/2 <td>0 50</td> <td>Lyman & Sons, Montreal.</td> <td>"</td> <td>"</td> <td>"</td>	0 50	Lyman & Sons, Montreal.	"	"	"
" 28.	"	34842	G. A. Fraser, Victoria, B.C.	1 1/2 <td>0 60</td> <td>Fred. Bayer & Co., Elberfeld, Ger.</td> <td>"</td> <td>"</td> <td>"</td>	0 60	Fred. Bayer & Co., Elberfeld, Ger.	"	"	"
" 28.	"	34843	Hall & Co., "	1 1/2	1 00	"	"	"	"
" 28.	"	34844	Geo. Morrison, "	1 1/2 <td>0 50</td> <td>"</td> <td>"</td> <td>"</td> <td>"</td>	0 50	"	"	"	"

