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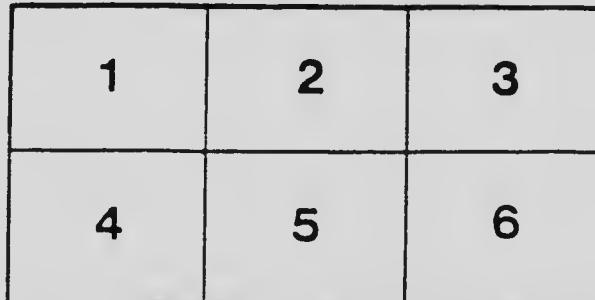
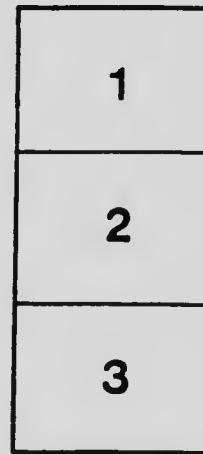
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 339

SWEET SPIRIT OF NITRE

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 a 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. 339.

SWEET SPIRIT OF NITRE

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

OTTAWA, May 3, 1916.

Sir,—I beg to hand you a report upon eighty-five (85) samples of Sweet Spirit of Nitre (*Spiritus Aetheris Nitrosi*) procured by our inspectors during November and December of last year, in the districts of Manitoba and Saskatchewan.

This article has been made the subject of inspection under the Adulteration Act, on four different occasions, namely in 1891 (Bulletin 23), in 1908 (Bulletin 167), in 1911 (Bulletin 234), and in 1913 (Bulletin 255).

I may quote, in this connection, as follows from my introductory letter to the last named Bulletin:

"This important drug has on two former occasions been the subject of inspection, and has always been found to show a high percentage of adulteration; consisting not in the addition of foreign matters, but in containing less of the active principle (Ethyl Nitrite) than the standard set by the pharmacopoeia requires."

"As has been pointed out in former bulletins, and emphasized by the pharmacopoeias, the article is prone to decomposition and, unless kept with special care, will always deteriorate in the hands of the dealer. This fact is so well known to the drug trade that physicians have a right to expect special care on the part of the druggist, who is properly held responsible for the quality of the drugs he dispenses. The following table presents the results of three inspections of Sweet Spirit of Nitre:—

Bulletin.	Year.	Total samples.	Genuine, p. c.	Adulterated, p. c.
167	1908	77	37	63
234	1911	74	57	43
255	1913	73	56	44

The minimum amount of Ethyl Nitrite required by the British Pharmacopoeia is one and three-quarters per cent (1.75) by weight. Of the collection now reported, 44 per cent of the samples contain less than this amount; 30 per cent contain less than 1 per cent of Ethyl Nitrite; 14 per cent contain less than one-half of 1 per cent; while nearly 9 per cent of the samples contain none at all.

"Although the names of the manufacturers, or furnishers as supplied by the vendor, are given in their proper places in the appended table, it is but right to insist that responsibility for the quality of Sweet Spirit of Nitre should rest upon the immediate dealer, or vendor of the article. There is no reason to believe that any manufacturer of repute furnishes this drug otherwise than up to standard strength. The name of the manufacturer or furnisher is given in accordance with section 19 of the Act, and not because of any proved negligence on his part.

"It is abundantly evident, in view of the continued sale of this drug in a condition in which it seriously handicaps the physician, and imperils the well-being of the patient, that druggists must be made to realize their responsibility in dispensing drugs which fail to meet the standard set by the pharmacopoeias.

"Experiments made by the late Franklin T. Harrison, Public Analyst, proved that Sweet Spirit of Nitre made according to British Pharmacopeial directions can be kept, without change, for a year, under proper precautions. (See Bulletin No. 23, p. 7.)

"If this important drug cannot be procured by physicians in such condition as the pharmacopoeia requires, it should either be removed from the pharmacopoeia altogether, or physicians must learn to employ it in full knowledge of its doubtful character and be prepared for most erratic and uncertain results.

"The fact is that it can be prepared and kept by careful and intelligent druggists, and that this is not done must be regarded as a disgrace to the drug trade, and a very serious menace to the public."

The results of the present inspection may be summarized thus:—

	Samples.
Found to meet B.P. requirements.	4
" correct as to content of Ethyl Nitrite.	31
" approximately correct as to Ethyl Nitrite content . . .	12
" to contain decided excess of Ethyl Nitrite.	19
" to contain marked deficiency of Ethyl Nitrite.	19
Total.	85

It is to be noted that the revised pharmacopoeia of 1914 makes some slight change in the standard for this drug as below:—

	1898.	1914.
Method of preparation.		Unchanged.
Ethyl Nitrite in freshly prepared spirit.	2.5%	2.66%
Specific gravity.	0.838 to 0.842	
Ethyl Nitrite as dispensed: minimum.	1.75%	1.52%
" maximum.	2.50%	2.66%

Since the revised pharmacopoeia of 1914 has but recently come into recognition in Canada, it is fair to interpret the results of analysis in such a way as to conform to either the edition of 1898 or that of 1914. As a matter of fact the differences as far as this drug is concerned are negligible.

It will be noted that, in the matter of specific gravity only five (5) samples fall within the limits fixed by the pharmacopoeia. Fifty-four (54) samples have a specific gravity below 0.838 and twenty-six (26) samples have specific gravity above 0.842.

The latter are doubtless prepared with weaker alcohol than 90 per cent.

Samples (12 in number) which do not deviate more than 0.5 per cent from the minimum percentage of Ethyl Nitrite fixed by the pharmacopoeia, I have felt justified in describing as approximately correct, in their Ethyl Nitrite content.

Nineteen (19) samples, containing less than this must be described as adulterated under the Act. The percentage of adulteration is 22, and indicates a very considerable improvement when compared with the results of former inspections.

I beg to recommend publication of this report as Bulletin No. 339.

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

A. MCGILL,
Chief Analyst.

BULLETIN No. 339—SWEET SPIRIT OF NITRE.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Quantity.	Cents.	Results of Analysis.		Inspector's Report. (Is not an expression of opinion.)	Remarks and Opinion of the Chief Analyst.
							No. of Nitre, Vol. of liquid, ml. per ml.	No. of Ethyl Nitrite, Vol. of liquid, ml. per ml.		
1915.	Spirit of Nitrous Ether.	71901	W. F. Woolhall, Hartney.	6 oz...	75	Martin Role & Wynne, Winnipeg.	0.9285	None.	None.	71901 Adulterated
"	"	71903	H. L. Gamble, Boisclair.	6 "	75	.....	0.8275	10.80	4.01	71903 Excess Ethyl Nitrite.
"	"	71904	C. F. Hassfield, Deadraine.	6 "	75	.....	0.8511	5.00	1.80	71904 Correct Ethyl Nitrite.
"	"	71905	F. J. Hays, Deloraine.	6 "	75	.....	0.8298	5.50	2.00	71905 "
Dec.	"	71906	W. P. Duncafe, Cartwright.	60	.....	.....	0.8264	5.25	1.25	71906 "
"	"	71907	P. D. Evans, Killarney	6 "	75	.....	0.8292	2.15	0.80	71907 Adulterated.
"	"	71908	W. J. Carson, Killarney	6 "	75	.....	0.8319	1.25	0.41	71908 "
"	"	71909	Pilot Mound Pharmacy.	6 "	75	Nat. Drug Co., Winnipeg.	0.8231	7.45	2.62	71909 Correct Ethyl Nitrite.
"	"	71910	The Pharmacy, Crystal City.	60	.....	.....	0.8275	6.80	2.52	71910 "
"	"	71911	Bartlett Drug Store,	4106	75	Martin Role & Wynne, Winnipeg.	0.8515	9.35	3.35	71911 Excess Ethyl Nitrite.
"	"	71912	International Drug Co.,	6 "	60	.....	0.8782	2.50	0.87	71912 Adulterated.
"	"	71913	McLellan Drug Co.,	6696	50	Martin Role & Wynne, Winnipeg.	0.8273	4.20	1.26	71913 Correct Ethyl Nitrite.

DISTRICT OF MANITOBA—J. B. COSTROVE, TEMPORARY INSPECTOR.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Quantity.	Cents.	Results of Analysis.	Inspector's Report. (Is not an expression of opinion.)	Remarks and Opinion of the Chief Analyst.	
1915.	Spirit of Nitrous Ether.	71901	W. F. Woolhall, Hartney.	6 oz...	75	Martin Role & Wynne, Winnipeg.	0.9285	None.	None.	71901 Adulterated
"	"	71903	H. L. Gamble, Boisclair.	6 "	75	.....	0.8275	10.80	4.01	71903 Excess Ethyl Nitrite.
"	"	71904	C. F. Hassfield, Deadraine.	6 "	75	.....	0.8511	5.00	1.80	71904 Correct Ethyl Nitrite.
"	"	71905	F. J. Hays, Deloraine.	6 "	75	.....	0.8298	5.50	2.00	71905 "
Dec.	"	71906	W. P. Duncafe, Cartwright.	60	.....	.....	0.8264	5.25	1.25	71906 "
"	"	71907	P. D. Evans, Killarney	6 "	75	.....	0.8292	2.15	0.80	71907 Adulterated.
"	"	71908	W. J. Carson, Killarney	6 "	75	.....	0.8319	1.25	0.41	71908 "
"	"	71909	Pilot Mound Pharmacy.	6 "	75	Nat. Drug Co., Winnipeg.	0.8231	7.45	2.62	71909 Correct Ethyl Nitrite.
"	"	71910	The Pharmacy, Crystal City.	60	.....	.....	0.8275	6.80	2.52	71910 "
"	"	71911	Bartlett Drug Store,	4106	75	Martin Role & Wynne, Winnipeg.	0.8515	9.35	3.35	71911 Excess Ethyl Nitrite.
"	"	71912	International Drug Co.,	6 "	60	.....	0.8782	2.50	0.87	71912 Adulterated.
"	"	71913	McLellan Drug Co.,	6696	50	Martin Role & Wynne, Winnipeg.	0.8273	4.20	1.26	71913 Correct Ethyl Nitrite.

"	"	"	71913	Pag. Selkirk Ave., Winnipeg.	McCallum Drug Co., 669 6 ..	50 Martin Bole & Wynne, Winnipeg.
"	"	"	71914	McCullough's Drug Store, 6 Broadway and Sherbrooke, Winnipeg.	75 Vendors ..	0 6243 7 10" 2 61 7 914
"	"	"	71915	Kirkwood Drug Store, 6 581 Portage Ave., Winnipeg.	50 ..	0 8279 5 25 . 95 71915 ..
"	9	"	71916	R. C. Jamieson, 539 Ave., Winnipeg.	50 Nat. Drug Co., Winnipeg.	0 9464 0 25 0 08 71916 Adulterated.
"	9	"	71917	J. R. Robinson, 387 Ave., Winnipeg.	60 Martin Bole, Wayne Co., Winnipeg.	0 8308 1 70 0 63 71917 ..
"	9	"	71918	McCullough Drug Co., 6 Ellice and Beverly, Winnipeg.	60 Vendors ..	0 8257 7 10 2 63 71918 Correct Ethyl Nitrite.
"	9	"	71919	G. A. Hunter, Norwood, 6 Winnipeg.	75 ..	0 9280 1 50 0 49 71919 Adulterated.
"	9	"	71920	D. J. Money, St. Vital, 6 ..	45 ..	In stock when state was purchased. 0 9254 0 25 0 08 71920 ..
"	9	"	71921	Hudson's Bay Co., 11-19 ..	60 Vendors ..	0 9245 0 50 0 16 71921 ..
"	9	"	71922	W. F. G. Brathwaite, 2886 Main St., Winnipeg.	75 Howard & Son, London, Eng.	0 8357 5 00 1 81 71922 Meats legal ..
"	9	"	71923	W. F. G. Brathwaite, 2886 Main St., Winnipeg.	60 Lyman's Ltd., Montreal.	0 8001 5 50 2 08 71923 Excess Ethyl Nitrite.
"	10	"	71924	Arkell's Drug Store, 385 Sargent Ave., Winnipeg.	75 Martin Bole, Wayne Co., Winnipeg.	0 8251 10 70 3 79 71924 Excess Ethyl Nitrite.
"	10	"	71925	F. Whaley, 864 Sargent Ave., Winnipeg.	75 Martin Bole, Wayne Co., Winnipeg.	0 8227 3 30 1 25 71925 Adulterated Ethyl Nitrite.
"	10	"	71926	E. Nesbit, 567 Sargent Ave., 6 ..	75 ..	0 8307 8 80 3 25 71926 Excess Ethyl Nitrite.
"	10	"	71927	Coleclough Co., 652 Notre Dame Ave., Winnipeg.	75 ..	0 8265 1 90 0 59 71927 Adulterated.
"	10	"	71928	Wellington Pharmacy, 752 Wellington St., Winnipeg.	75 ..	In stock when purchased lately. 0 8488 4 90 1 83 71928 ..
"	10	"	71929	W. F. Lyons, Elgin and Sherbrooke Sts., Winnipeg.	75 Unknown ..	0 8488 4 90 1 83 71929 ..
"	10	"	71930	Roberts Drug Store, Logan and Sherbrooke Sts., Winnipeg.	50 Western Drug Co., Winnipeg.	3 82 71930 Excess Ethyl Nitrite.
"	10	"	71931	J. N. Somerville, William and Isabel Sts., Winnipeg.	75 Nat. Drug Co., Winnipeg.	3 97 71931 ..
"	10	"	71932	T. Eaton Co., Winnipeg.	60 Vendors ..	1 82 71932 Meats legal requirements.

BULLETIN No. 339—SWEET SPIRIT OF NITRE.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address as given by the Vendor.	Inspector's Report. (Is not an expression of opinion.)	Ethyl Nitrite per cent. by weight.	No. of Sample.	Remarks and opinion of the Chief Analyst.			
									Quantity.	Manufacturers.	Furnisher.	Ratio of vol. liquid. to vol. gas to vol. of sp. gr. at 15.6°C.
DISTRICT OF MANITOBA—Continued.												

1915.	Dec. 10	Spirit of Nitrous Ether.	71933	Andrews Arcade Drug Store, 229 Portage Ave., Winnipeg.	90	Andrews & Co., ...	... . . . .	0.8271	11.40	4.23	71933 Excess Ethyl Nitrite.
"	11	"	71934	B. H. Bartlett, 161 Lilac St., Winnipeg.	50	... . . . .	... . . . .	0.946	11.60	4.26	71934 " "
"	11	"	71935	A. J. Brookings, Corydon 6 and Lilac Sts., Winnipeg.	75	Mallinckrodt, St. Louis, U.S.A.	... . . . .	0.8294	6.80	2.13	71935 Correct Ethyl Nitrite.
"	11	"	71936	W. B. Davis, 217 Nassau St., Winnipeg.	60	Nat. Drug Co., Winnipeg.	... . . . .	0.8211	7.90	2.96	71936 Approximate Ethyl Nitrite.
"	11	"	71937	Dunlop Drug Store, 4486 Main St., Winnipeg.	75	... . . . .	... . . . .	0.8518	7.00	2.52	71937 Correct Ethyl Nitrite.
"	11	"	71938	A. J. Brown & Co., 2916 Market St., Winnipeg.	75	Nat. Drug Co., Winnipeg.	... . . . .	0.8237	7.20	2.72	71938 Approximate Ethyl Nitrite.
"	13	"	71939	Muir's Pharmacy, 1424 Main St., Winnipeg.	50	Martin Bole and Wynne Co., Winnipeg.	... . . . .	0.8286	8.60	3.18	71939 Excess Ethyl Nitrite.
"	13	"	71940	Kildonan Pharmacy, 2066 Hepler St., Winnipeg.	60	Unknown.	... . . . .	0.8267	6.20	2.30	71940 Correct Ethyl Nitrite.
"	13	"	71941	J. K. Brown Drug Store, 396 Main St., Winnipeg.	60	Nat. Drug Co., Winnipeg.	... . . . .	0.8242	9.90	3.68	71942 Excess Ethyl Nitrite.
"	13	"	71942	Redwood Pharmacy, 4106 Redwood Ave., Winnipeg.	60	Nat. Drug Co., Winnipeg.	... . . . .	0.8246	6.00	2.23	71943 Correct Ethyl Nitrite.
"	13	"	71943	North Main Pharmacy, 8396 Main St., Winnipeg.	75	Frasier Thornton Co., Ltd., Quebec.	... . . . .	0.9666	0.12	0.04	71944 Adulterated.

13	"	71945 Ultra Drugs Inc., Macmillan 6 " Huges St., Winnipeg. 75 Nat. Drug Co., Winnipeg. 0 8674 2 86 71945 Value added. Ethyl Nitrite. None.
13	"	71946 Winnipeg 2 Drug Co., 167 6 " Portage Ave., Winnipeg. 75 " 0 9784 0 50 71946 Adulterated.
No. 19	"	61476 H. J. Campbell, 988 Main St., St. Winnipeg. R D. Bruce, 1200 Main St., Winnipeg. D. W. Bradshaw, 888 Portage 6 " Ave., Winnipeg. 75 Nat. Drug Co., Winnipeg. Martin Bole & Wynne Co., Winnipeg. 0 8814 6 24 2 30 61476 Correct Ethyl Nitrite. Meets legal requirements.
" 23	"	61477 " " " 75 " 0 8816 7 00 2 57 61477 Meets legal requirements.
" 27	"	61479 " " " 75 " 0 8875 4 45 1 63 61479 " "
" 27	"	61480 W. W. Storr, 807 Portage 6 " Ave., Winnipeg. 75 Unknown 0 8332 3 50 1 29 61480 Minoxidate Ethyl Nitrite.
" 27	"	61481 B. S. Eaton, 938 Portage 6 " Ave., Winnipeg. 90 Nat. Drug Co., Winnipeg. 0 8211 12 00 4 48 61481 Excess Ethyl Nitrite.

DISTRICT OF SASKATCHEWAN—L. H. H.M.I., TEMPORARY INSPECTOR.

No. 17	Sweet Spirit of Nitre,	66456 C. H. Stewart, Nutana . . . 1 oz.,	75 Vendor.	Memo: Alco 6 8283 9 40 3 49 66456 Excess Ethyl Nitrite.
" 17	"	66457 Argue, Ltd., Nutana . . . 6 " " 75 " 0 8283 10 45 3 88 66457 " "		
" 17	"	66460 P. H. Goad, Saskatoon . . . 6 " " 75 " 0 8576 3 25 1 16 66460 Adulterated.		
" 17	"	66461 The Bean & Marshall, 6 " " 50 " 0 8316 9 90 3 64 66461 Excess Ethyl Nitrite.		
" 17	"	66462 Saskatoon Drug and Sta. 6 " " 50 " 0 8287 11 00 4 10 66462 " "		
" 27	"	66463 A. Dalmage, Saskatoon . . . 6 " " 75 " 0 8217 7 90 2 94 66463 Minoxidate Ethyl Nitrite.		
" 17	"	66464 S. T. Atkinson, Saskatoon. 6 " " 75 " 0 9033 5 40 1 83 66464 Correct Ethyl Nitrite.		
" 18	"	66465 R. S. Fleury, Rosther . . . 6 " " 50 Martin Bole & Mfrs., Wynne Co., Winnipeg. 0 9173 2 50 0 84 66465 Adulterated.		
" 19	"	66471 W. H. Rowe, Prince Albert. 6 " " 75 " 0 9439 None. None. 66471 " "		
" 19	"	66472 W. D. Mitchell, Prince 6 " " 75 Vendor. 0 8241 10 30 3 84 66472 Excess Ethyl Nitrite.		

BULLETIN No. 339—SWEET SPIRIT OF NITRE

No.	Nature of Sample, and Date of Collection	Name and Address of Vendor.	Cost. A.D.U.B.	Name and Address as given by the Vendor.	Manufacturer. Furnisher.	Inspector's Report. (Is not an ex- pression of opinion.)	Results of Analysis.		
							U.S. spirit by volume	C. spirit by volume	Remarks and Opinion of the Analyst.
19	Sweet Spirit of Nitre.	J. A. Stewart, Prince 9 oz., 1.00 Albert.	75 Layman's, Ltd., Mfg. Montreal.	0.9219	0.25	0.08 66153 Adulterated.
6647	"	Charles Mac Donald, Prince 6 oz., Albert.	75	75 Layman's, Ltd., Mfg. Montreal.	.....	0.9461	5.90	1.92 66454 Correct Ethyl Nitrite.
6648	"	C. H. Wilson, Saskatoon, 6 oz., atom.	75	75 Vendor,.....	.....	0.8217	7.60	2.83 66480 Approximate Ethyl Nitrite.
66481	"	John A. MacDonald, Sask. 6 oz., atom.	75	75 Vendor,.....	.....	0.8226	7.10	2.65 66481 (Correct Ethyl Nitrite.
66482	"	E. B. Carruthers, Moose Jaw, Jaw.	75	75 Vendor,.....	.....	0.8517	3.70	1.33 66482 Approximate Ethyl Nitrite.
66483	"	H. A. Davidson, Moosejaw, 6 oz., Jaw.	75	75 Vendor,.....	.....	0.8394	6.20	2.19 66483 Correct Ethyl Nitrite.
66484	"	Moosejaw Drug and Sta. 6 oz., tionery Co., Moosejaw.	75	E. B. Shuttleworth, Drug Trad- ing Co., Toronto, Toronto.	.....	0.8301	5.40	2.00 66484 "
6649	"	J. H. Thompson, Moosejaw, 6 oz., Jaw.	50	50 Vendor,.....	.....	0.8301	3.20	1.16 66489 Adulterated.
66490	"	R. N. Kelly, Regina 6 oz., 60	Vendor,.....	.....	.....	0.8266	7.85	2.92 66490 Approximate Ethyl Nitrite.
66491	"	A. Duncan, " 6 oz., 75	Vendor,.....	.....	.....	0.8255	6.25	2.32 66491 Correct Ethyl Nitrite.
66492	"	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	.....	0.8273	8.20	3.01 66492 Approximate Ethyl Nitrite.
66493	"	Canada Drug & Book Co., 6 oz., 1.00	Nat. Drug & Chem. Mfg. Co., Regina.	.....	.....	0.8230	7.60	2.83 66493 "

DISTRICT OF SASKATCHEWAN—*continued.*

1915.	No.	Name and Address of Vendor.	Cost. A.D.U.B.	Inspector's Report. (Is not an ex- pression of opinion.)	U.S. spirit by volume	C. spirit by volume	Remarks and Opinion of the Analyst.
19	66494	R. N. Kelly, Regina 6 oz., 60	Vendor,.....	.....	0.8219	0.25	0.08 66453 Adulterated.
20	66495	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8217	7.60	2.83 66454 Correct Ethyl Nitrite.
21	66496	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66455 (Correct Ethyl Nitrite.
22	66497	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66456 (Correct Ethyl Nitrite.
23	66498	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66457 (Correct Ethyl Nitrite.
24	66499	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66458 (Correct Ethyl Nitrite.
25	66500	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66459 (Correct Ethyl Nitrite.
26	66501	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66460 (Correct Ethyl Nitrite.
27	66502	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66461 (Correct Ethyl Nitrite.
28	66503	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66462 (Correct Ethyl Nitrite.
29	66504	R. P. Teasdale, " 6 oz., 75	Vendor,.....	.....	0.8226	7.10	2.65 66463 (Correct Ethyl Nitrite.

Dec.	No.	Sample No.	Description	75% Veronal	75% Veronal Co., Regina	Nat. Drug & Chem. Co., Regina	Mfrs.	75% Veronal Co., Regina	Nat. Drug & Chem. Co., Regina	Mfrs.	75% Veronal Co., Regina	Nat. Drug & Chem. Co., Regina	Mfrs.	
Nov.	66490	Canada-U.S. Pharmacopeia	"	"	"	"	"	"	"	"	"	"	"	"
Nov.	66491	H. Williams & Co., Inc.	"	75	75	75	75	75	75	75	75	75	75	75
Nov.	66492	H. Williams & Co., Inc.	"	6	6	6	6	6	6	6	6	6	6	6
Nov.	66493	Regina Pharmacy Co., Reg.	"	75	75	75	75	75	75	75	75	75	75	75
Nov.	66494	Regina Pharmacy Co., Reg.	"	6	6	6	6	6	6	6	6	6	6	6
Nov.	66495	Regina Trading Co., Regina	"	50	50	50	50	50	50	50	50	50	50	50
Nov.	66496	Regina Trading Co., Regina	"	6	6	6	6	6	6	6	6	6	6	6
Nov.	66497	Regina Trading Co., Regina	"	6	6	6	6	6	6	6	6	6	6	6
Nov.	66498	McLachlan Drug Co.,	"	75	75	75	75	75	75	75	75	75	75	75
Nov.	66499	W. M. Vanvalkenburg, "	"	6	6	6	6	6	6	6	6	6	6	6
Nov.	66500	H. W. Hindson,	"	6	6	6	6	6	6	6	6	6	6	6
Nov.	71501	E. A. Jolly,	"	75	75	75	75	75	75	75	75	75	75	75
Dec.	71502	Thos. A. B. Perris, Avon- lea.	"	75	75	75	75	75	75	75	75	75	75	75
Dec.	71503	W. C. Sweet, Yellow Grass	"	50	50	50	50	50	50	50	50	50	50	50
Dec.	71504	McKinnons, Weyburn,	"	50	50	50	50	50	50	50	50	50	50	50
Dec.	71505	D. L. Irvine, Estevan,	"	75	75	75	75	75	75	75	75	75	75	75
Dec.	71506	E. R. Davis,	"	6	6	6	6	6	6	6	6	6	6	6
				75	75	75	75	75	75	75	75	75	75	75
				Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	Wynn, Co., Win- nipeg,	

