

**CIHM
Microfiche
Series
(Monographs)**

**ICMH
Collection de
microfiches
(monographies)**



Canadian Institute for Historical Microreproductions / Institut canadien de microreproductions historiques

© 1998

Technical and Bibliographic Notes / Notes techniques et bibliographiques

The Institute has attempted to obtain the best original copy available for filming. Features of this copy which may be bibliographically unique, which may alter any of the images in the reproduction, or which may significantly change the usual method of filming are checked below.

- Coloured covers / Couverture de couleur
- Covers damaged / Couverture endommagée
- Covers restored and/or laminated / Couverture restaurée et/ou pelliculée
- Cover title missing / Le titre de couverture manque
- Coloured maps / Cartes géographiques en couleur
- Coloured ink (i.e. other than blue or black) / Encre de couleur (i.e. autre que bleue ou noire)
- Coloured plates and/or illustrations / Planches et/ou illustrations en couleur
- Bound with other material / Relié avec d'autres documents
- Only edition available / Seule édition disponible
- Tight binding may cause shadows or distortion along interior margin / La reliure serrée peut causer de l'ombre ou de la distorsion le long de la marge intérieure.
- Blank leaves added during restorations may appear within the text. Whenever possible, these have been omitted from filming / Il se peut que certaines pages blanches ajoutées lors d'une restauration apparaissent dans le texte, mais, lorsque cela était possible, ces pages n'ont pas été filmées.
- Additional comments / Commentaires supplémentaires:

L'Institut a microfilmé le meilleur exemplaire qu'il lui a été possible de se procurer. Les détails de cet exemplaire qui sont peut-être uniques du point de vue bibliographique, qui peuvent modifier une image reproduite, ou qui peuvent exiger une modification dans la méthode normale de filmage sont indiqués ci-dessous.

- Coloured pages / Pages de couleur
- Pages damaged / Pages endommagées
- Pages restored and/or laminated / Pages restaurées et/ou pelliculées
- Pages discoloured, stained or foxed / Pages décolorées, tachetées ou piquées
- Pages detached / Pages détachées
- Showthrough / Transparence
- Quality of print varies / Qualité inégale de l'impression
- Includes supplementary material / Comprend du matériel supplémentaire
- Pages wholly or partially obscured by errata slips, tissues, etc., have been refilmed to ensure the best possible image / Les pages totalement ou partiellement obscurcies par un feuillet d'errata, une pelure, etc., ont été filmées à nouveau de façon à obtenir la meilleure image possible.
- Opposing pages with varying colouration or discolourations are filmed twice to ensure the best possible image / Les pages s'opposant ayant des colorations variables ou des décolorations sont filmées deux fois afin d'obtenir la meilleure image possible.

This item is filmed at the reduction ratio checked below /
Ce document est filmé au taux de réduction indiqué ci-dessous.

	10x		14x		18x		22x		26x		30x	
	12x		16x		20x		24x		28x		32x	

The copy filmed here has been reproduced thanks to the generosity of:

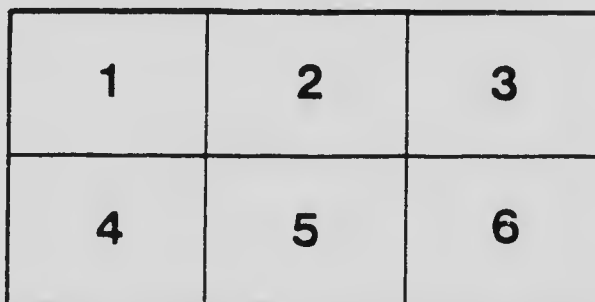
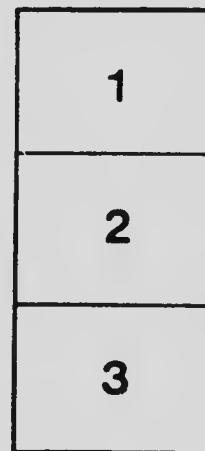
National Library of Canada

The images appearing here are the best quality possible considering the condition and legibility of the original copy and in keeping with the filming contract specifications.

Original copies in printed paper covers are filmed beginning with the front cover and ending on the last page with a printed or illustrated impression, or the back cover when appropriate. All other original copies are filmed beginning on the first page with a printed or illustrated impression, and ending on the last page with a printed or illustrated impression.

The last recorded frame on each microfiche slide contains the symbol \rightarrow (meaning "CONTINUED"), or the symbol ∇ (meaning "END"), whichever applies.

Maps, plates, charts, etc., may be filmed at different reduction ratios. Those too large to be entirely included in one exposure are filmed beginning in the upper left hand corner, left to right and top to bottom, as many frames as required. The following diagrams illustrate the method:



L'exemplaire filmé fut reproduit grâce à la générosité de:

Bibliothèque nationale du Canada

Les images suivantes ont été reproduites avec le plus grand soin, compte tenu de la condition et de la netteté de l'exemplaire filmé, et en conformité avec les conditions du contrat de filmage.

Les exemplaires originaux dont la couverture en papier est imprimée sont filmés en commençant par le premier plat et en terminant soit par la dernière page qui comporte une empreinte d'impression ou d'illustration, soit par le second plat, selon le cas. Tous les autres exemplaires originaux sont filmés en commençant par la première page qui comporte une empreinte d'impression ou d'illustration et en terminant par la dernière page qui comporte une telle empreinte.

Un des symboles suivants apparaîtra sur la dernière image de chaque microfiche, selon le cas: le symbole \rightarrow signifie "A SUIVRE", le symbole ∇ signifie "FIN".

Les cartes, planches, tableaux, etc., peuvent être filmés à des taux de réduction différents. Lorsque le document est trop grand pour être reproduit en un seul cliché, il est filmé à partir de l'angle supérieur gauche, de gauche à droite, et de haut en bas, en prenant le nombre d'images nécessaire. Les diagrammes suivants illustrent la méthode.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 207

BEEF, IRON AND WINE

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 207

BEEF, IRON AND WINE (VINUM CARNIS ET FERRI.)

OTTAWA, May 10, 1910.

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

SIR,—The preparation known as Beef, Iron and Wine is not defined in either the British or the United States Pharmacopœias, nor does it occur in the Canadian Formulary. The United States National Formulary of unofficial preparations contains the following definition:—

445. *Vinum Carnis et Ferri. Wine of Beef and Iron. Beef, Wine and Iron.*

Extract of Beef, thirty-five grammes.	35 gm.
Tincture of Citro-Chloride of Iron, 35 c.c.	35 c.c.
Hot water, sixty cubic centimetres.	60 c.c.
Sherry Wine, a sufficient quantity to make one thousand cubic centimetres.	1,000 c.c.

Pour the hot water upon the Extract of Beef contained in a mortar or other suitable vessel, and triturate until a smooth mixture results. Then gradually add, while stirring, eight hundred (800) cubic centimetres of Sherry Wine. Next add the tincture and enough Sherry Wine to make one thousand (1,000) cubic centimetres. Transfer the mixture to a bottle, set this aside for a few days in a cold place, if convenient, filter, and pass enough Sherry Wine through the filter to restore the original value.

Each fluid drachm represents 2 grains of Extract of Beef, and 2 minims of Tincture of Citro-Chloride of Iron.

The Tincture of Citro-Chloride of Iron, named in the above formula, is itself an unofficial tincture, practically identical in content of iron with the official *Tinctura Ferri Chloridi*, U.S.P., which is somewhat weaker in iron than the *Tinctura Ferri Perchloridi* of the B.P. (Iron ratio: U.S.P., 4.7; B.P., 5.6.

The iron content of *Vinum Carnis et Ferri* would therefore be 0.188 per cent, expressed as Ferric Oxide.

The nitrogen in Extract of Beef does not represent proteid material, but is chiefly derived from anido-compounds, or so-called flesh bases. These are regarded as having rather a stimulant than a nutritive value, a matter which however need not be discussed here, since the object of the present investigation is rather to discover the variation of character of the article offered as Beef, Iron and Wine, than to indicate its therapeutic and nutritive value, a matter which must be decided by the physician. A report upon Extract of Beef was published in 1899, as Bulletin No. 63.

Apart from the Iron and Beef content, the only element of value in this article is the alcohol, representing the wine used in its preparation.

It will be seen that among the 76 samples represented by the present collection, the three elements of value vary within extremely wide limits.

Total solids.....	from 7.20	to 26.22	per cent.
Nitrogen.....	" 0.002	" 0.322	"
Ash.....	" 0.180	" 1.488	"
Iron (Fe_2O_3).....	" 0.050	" 0.480	"
Alcohol.....	" 6.67	" 18.77	"

Total solids.—The material included under this heading is chiefly meat extractives, common salt, and the solid matters of the wine. In some cases meat fibre appears to have been added, giving a turbid appearance to the liquid when shaken up. Most of the preparations are however quite clear and contain no suspended (or deposited) matter, or but traces.

Nitrogen.—This is a measure of the so called meat bases (amido compounds) in solution. The factor 3.12 is usually employed to convert nitrogen into this class of compounds, and *Vinum Carnis et Ferri* as found on the market, may apparently contain anywhere from 0.006 to 1.005 per cent (practically from none to 1 per cent) of meat bases. It must be left to the medical profession to say whether or not this is a satisfactory state of things.

Ash.—If from the ash we deduct the iron (as ferric oxide) the difference may be taken as common salt, together with the mineral matters natural to wine. These last may vary from about 0.12 to 0.45 (see Bulletin No. 38). So far as known they have no therapeutic importance.

Iron.—As already explained, the National Formulary of the United States, requires the presence of 0.188 per cent of iron (as Fe_2O_3). Doubtless the extended use of this preparation is largely due to a belief that it supplies iron to the body in an available form. Whether this is a fact or not, must be determined by the medical profession. It is interesting that the great variation in amount of iron found in the commercial articles under *Beef, Iron and Wine*, makes it a very uncertain vehicle for the administration of this drug.

Alcohol.—This component is introduced as wine. The extreme amounts found may be thus stated:—

Alcohol by weight.....	from 6.67	to 18.77	per cent.
Alcohol by volume.....	" 8.30	" 23.01	"
Equivalent proof spirit.....	" 14.60	" 40.32	"

I am unable to say whether or not this preparation is prescribed by the medical profession to any large extent. It is, however, quite certain that it obtains a large sale, and is popularly believed to possess valuable tonic properties.

The present report will, so far as it goes, enable those interested to know something of the character of Commercial Beef, Iron and Wine; and I beg to recommend its publication as Bulletin No. 207.

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

A. MCGILL,
Chief Analyst.

BULLETIN No. 207—BEEF, IRON AND WINE.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.					
				Quantity.	Cents.		Total Solids.	Nitrogen.	Ash.	Iron (Fe).	Medical.	No. of Sample.
1910.	Beef, Iron and Wine	41926	Nat. Drug & Chem. Co., Halifax, N.S.	1 bot.	50	Vendors.....	23.36	0.655	0.780	0.085	12.30	41926
" 14	"	41927	L. C. Gardner & Co., Yarmouth, N.S.	"	50	"	14.31	0.126	0.880	0.480	11.82	41927
" 14	"	41928	B. F. Trask, Yarmouth, N.S.	"	75	Vendor ..	9.05	0.014	0.180	0.115	13.25	41928
" 16	"	41929	H. E. Wilson, Windsor, N.S.	"	40	H. K. Wainpole, Perth, Ont.	13.11	0.069	0.275	0.140	12.37	41929
" 16	"	41930	R. B. Dakin, Windsor, N.S.	"	40	Toronto Pharmaceutical Co., Toronto, Ont.	9.43	0.055	0.330	0.165	12.26	41930

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

DISTRICT OF PRINCE EDWARD ISLAND—THEO. MOORE, INSPECTOR.

Mar. 5.	Beef, Iron and Wine	38656	Johnson & Johnson, Charlottetown.	1 pt.	100	Druggists Corporation of Canada, Toronto.	11.74	0.002	0.620	0.290	13.09	38656
" 5	"	38657	E. Keir, Kensington ...	"	75	H. K. Wainpole, Perth, Ont.	17.52	0.038	0.290	0.115	12.85	38657
" 10.	"	38658	C. E. McDonald, Summerside.	"	100	Gibson Howell & Co., Philadelphia, Pa.	15.24	0.038	0.235	0.110	13.61	38658
" 15.	"	38659	J. C. Ferguson, Sarsis... 34 "	"	120	W. K. Wainpole, Toronto	17.79	0.042	0.276	0.135	12.41	38659
" 15.	"	38660	Dr. A. A. McDonald, 1 Souris.	"	75	E. B. Shuttleworth Chem. Co., Toronto.	15.60	0.042	0.535	0.365	9.48	38660

36600/10. a. A. McDonald, 100
Souris.
Co., Toronto.

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

Mar. 4.	Beef, Iron and Wine	39670	Nat. Drug & Chem. Co., 1 bot.	85	Vendors	8 82	0 101	0 530	0 140	12 37	39670
" 10.	"	39671	Ltd., St. John, N.B.	60	"	10 46	0 020	0 305	0 075	15 10	39671
" 15.	"	39672	The Canadian Drug Co., 3 bots.	85	H. K. Waupole & Co., Perth, Ont.	17 97	0 027	0 200	0 135	11 94	39672
" 16.	"	39673	Ltd., St. John, N.B.	88	Vendors	9 84	0 308	0 200	0 155	11 94	39673
Apr. 7.	"	39674	Arthur J. Ryan, Fred- erick, N.B.	50	Lyman Sons & Co., Mon- treal.	19 73	0 071	0 440	0 060	11 11	39674
			The Baird Co., Ltd., Woodstock, N.S.								
			A. E. Shaw, Newcastle, N.B.								

DISTRICT OF QUEBEC—E. BELAND, INSPECTOR.

Mar. 7.	Beef, Iron and Wine	36538	C. Belanger, 102 Rue du Pont.	180	W. Bannet & Cie, Quebec	18 30	0 157	1 125	0 300	15 53	36538
" 8.	"	36539	O. Simard, 8 Rue St. Jean.	180	Armoir Ltd., Toronto	17 45	0 132	1 488	0 210	15 55	36539
" 8.	"	36540	F. Gauvreaux, 336 Rue St. Jean.	150	Unknown	7 50	0 210	0 070	0 225	13 35	36540
" 8.	"	36541	F. Gauvreaux, 336 Rue St. Jean.	225	"	11 01	0 102	0 670	0 155	15 63	36541
" 8.	"	36542	A. Jolicœur, 338 Rue St. Jean.	300	Lymans Ltd., Montreal.	11 35	0 102	0 670	0 135	15 31	36542

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

Mar. 3.	Beef, Iron and Wine	1291	Hill & Depatie, St. 3 bots. Arnaud.	150	Dunlop Pharmaceutical Co., Montreal.	20 29	0 060	0 450	0 200	15 39	1291
" 7.	"	1292	P. A. Berard, Drum- mondville.	225	Nat. Drug & Chem. Co., Montreal.	10 11	0 179	0 640	0 175	13 81	1292
" 8.	"	1293	L. A. D. Houde, Nicolet.	225	The Chapman Dart Co., Montreal.	26 22	0 137	1 200	0 175	6 87	1293
" 8.	"	1294	J. R. Dubé, Becancour.	225	Davis & Lawrence Co., Montreal.	14 87	0 116	1 050	0 050	13 41	1294
" 17.	"	1295	Wright & Co., St. Jean, 24 oz.	100	Jno. Wyeth & Bro., Philadelphia.	11 27	0 125	0 730	0 110	12 85	1295

BULLETIN No. 267—BEEF IRON AND WINE.

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.	RESULTS OF ANALYSIS.						
				Quantity.	Cents.		Total Solids.	Nitrogen.	Alb.	Iron (Fe ₂ O ₃).	Alcohol.	No. of Sample.	
1910.													
Mar. 2	Beef, Iron and Wine	40412	Chas. E. Frost & Co., 3 bots. Lagachetiere st. west, Montreal.			88 Vendors.....	21.61	0.061	0.385	0.115	13.49	40412	
" 3	"	40413	Quenneville & Guerin, 1 bot. 397 St. Antoine st. west, Montreal.			75 Francis Mfg. Co., Montreal.	18.18	0.056	0.410	0.255	13.01	40413	
" 8	"	40414	B. Fox, 168 St. Lawrence st. west, Montreal.			100 Nyalls.....	9.45	0.239	0.646	0.085	14.60	40414	
" 9	"	40415	Dr. E. N. Fournier, St. Jerome, P. Q.			100 Nat. Drug & Chem. Co., Ltd., Montreal.	9.46	0.120	0.556	0.160	13.41	40415	
" 16	"	40416	J. J. Weinfeld, 438 St. Lawrence st., Montreal.			50 Parke Davis & Co.....	15.25	0.024	0.575	0.070	6.67	40416	

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

		DISTRICT OF OTTAWA—J. A. RICKEY, INSPECTOR.	
Mar. 1	Beef, Iron and Wine	42331	W. R. Wallace, Pen-1 bot. Brocke.
" 2	"	42332	Wm. A. McCrea, Hawkesbury.
" 4	"	42333	C. A. McHaffie, Cornwall.
" 9	"	42334	Bryson Graham, Ltd., 3 bots. Ottawa.
" 11	"	42335	Birch Bros., Richmond, 1 bot. Ont.
" 11	"	42341	Brown Bros., Richmond, 3 bots. Ont.
			100 F. Stearns & Co., Detroit Peptonized, B. I. & W.
			85 Toronto Pharmaceutical Co., Toronto.
			100 Lymans Ltd., Montreal
			165 The Toronto Drug Co., Ltd., Toronto.
			80 Northrop & Lyman's Co., Ltd., Toronto.
			150 The T. Wilbarn Co., Ltd., Toronto.

DISTRICT OF KINGSTON - JAS. HOAG, INSPECTOR.

Mar. 1.	Beef, Iron and Wine	44241 F. Hoag, Kingston	3 bds.	300 J. Wyeth & Bro., Philadelphia.	11 02	0 121	0 570	0 125	15 79	44241
"	"	44242 J. McLeod, Kingston	"	300 J. Wyeth & Bro., Philadelphia.	12 12	0 152	0 675	0 130	15 79	44242
"	"	44243 A. P. Chown, Kingston	"	150 Parke Davis & Co., Walkerville.	23 00	0 224	1 315	0 225	13 17	44243
"	"	44244 National Drug Co., Kingston	"	180 Armour, Toronto	18 37	0 121	0 880	0 200	12 53	44244
"	"	44245 W. W. Gibson, Kingston	"	150 Armour, Toronto	8 35	0 050	0 616	0 088	12 09	44245

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

Mar. 2.	Beef, Iron and Wine	41482 L. C. Armstrong, Queen st. e., Toronto.	822 1 bot.	50 The Dominion Drug Co., Ltd., Hamilton.	10 77	0 081	0 410	0 165	13 41	41482
"	"	41483 Chas. J. Stoddard, 178-183 Dundas st. w., Toronto.	1 "	50 Vendor	13 24	0 238	0 710	0 165	9 43	41483
"	"	41484 J. R. Y. Broughton, New market.	1 "	60 "	19 93	0 081	0 840	0 185	12 57	41484
"	"	41485 Arthur Boyle, York st., Hamilton.	1 "	55 The Toronto Pharmaceutical Co., Toronto.	9 02	0 060	0 215	0 175	14 20	41485
"	"	41486 R. E. Reynolds, 154 James st. n., Hamilton.	1 "	40 "	8 67	0 004	0 315	0 250	11 86	41486

DISTRICT OF LONDON - T. KIDD, INSPECTOR.

Mar. 10.	Beef, Iron and Wine	44716 A. B. P. ... Gravelph.	3 bds.	225 Lyman Bros., Toronto	11 20	0 108	0 405	0 166	14 28	44716
"	"	44723 J. H. Schmidt, Berlin	3 "	175 National Drug Co., Hamilton.	7 20	0 108	0 585	0 085	9 21	44723
"	"	44729 S. E. Hicks, Goderich	3 "	150 F. Stearns & Co., Windsor.	16 75	0 171	1 070	0 275	13 05	44729
"	"	44751 Mr. Robby, CH	1 bot.	75 Druggists Corporation of Canada, Ltd.	11 20	0 205	0 585	0 255	12 02	44751

BULLETIN No. 207—BEEF, IRON AND WINE.

Date of Collection.	Nature of Sample.	No. of Sample.	Cost.		Name and Address of Manufacturer or Vendor.	Inspector's Report. (Is not an expression of opinion.)	RESULTS OF ANALYSIS.					No. of Sample.
			Quantity.	Cents.			Total Solids.	Nitrogen.	Ash.	Iron (Fe ₂ O ₃).	Alcohol.	

DISTRICT OF WINDSOR—JNO. TALBOT, INSPECTOR.

1910	Mar. 3.	Beef, Iron and Wine	42509	N. W. Emerson, London 1 bot.	50 National Drug Co., London, Ont.		9.12	0.112	0.490	0.135	14.35	42509
"	"	"	42520	P. J. McGibbon, Sarnia. 1 "	100 John Wyeth & Bro		13.01	0.105	0.670	0.110	16.08	42520
"	"	"	42529	G. G. Ingersoll, Sarnia. 1 "	100 Fred. Stearns & Co., Windsor, Ont.	Peptonized	14.24	0.227	0.630	0.335	13.65	42529
"	"	"	42535	(Geo. Denham, Petrolia. 1 "	75 Druggists Corporation of Canada, Toronto.	"	11.92	0.322	0.415	0.329	7.96	42533
"	"	"	42539	E. C. Harvey, St. Thomas 1 "	75 Vendor		10.36	0.150	0.685	0.085	10.27	42539

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

Mar. 18.	"	Beef, Iron and Wine	43411	Norman B. Henry, Glenboro.	75 Parke, Davis & Co., Walkerville, Ont.		23.17	0.245	1.470	0.180	11.86	43411
"	21	"	43412	R. D. Bruce, Morlen 2 bots.	200 TorontoPharmaceutical, Winnipeg.		8.89	0.076	0.820	0.135	12.69	43412
"	21	"	43413	W. Collins & Co., Mor-den	200 H. S. Millar, M.D., New York.		17.05	0.045	0.260	0.100	13.78	43413
"	22	"	43414	The Central Drug Co., McGregor, Man.	200 National Drug and Chemical Co., Ltd.		10.08	0.113	0.410	0.320	14.11	43414
"	23	"	43415	P. F. Braund, Winnipeg. 2 "	150 John Wyeth & Bro., Philadelphia.		13.33	0.091	0.475	0.200	13.78	43415
"	24	"	35387	The Gordon Mitchell 24 oz.	125 Vendors		8.25	0.053	0.225	0.210	18.77	35387

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

Mar. 8.	Beef, Iron and Wine	33667	The Edmonton Drug Co., 12 oz., Edmonton.	100 Canadian Drug Syndicate, London, Ont.	9.49	0.112	0.640	0.365	11.71	33667
" 8.	"	33668	A. Archibald, Edmonton	100 John Wyeth & Bro., Philadelphia, Pa.	10.61	0.084	0.330	0.100	14.29	33668
" 8.	"	33669	Macdonald's Pharmacy, Edmonton.	75 Parke Davis, Walkerville, Ont.	17.83	0.112	0.400	0.155	10.95	33669
" 15.	"	33670	C. S. Fringle, Medicine Hat.	175 Stearns & Co., Windsor, Ont.	12.26	0.275	0.800	0.180	12.57	33670
" 15.	"	33671	E. M. Cawker, Medicine Hat.	175 Parke Davis, Walkerville.	17.32	0.063	0.365	0.075	15.00	33671

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

Mar. 14.	Beef Iron and Wine	37846	Manhattan Pharmacy, Vancouver, B.C.	300 National Drug and Chemical Co.	19.96	0.105	0.505	0.160	15.23	37846
" 14.	"	37849	City Drug Store, Vancouver, B.C.	300 Davis & Lawrence Co., Montreal.	19.29	0.095	0.615	0.130	14.92	37849
" 14.	"	37850	W. Harrison & Co., Vancouver, B.C.	300 Vendors	16.87	0.046	0.265	0.100	12.83	37850
" 14.	"	37851	Capitola Drug Store, Vancouver, B.C.	300 Gilson, Howell & Co., Philadelphia.	16.56	0.037	0.250	0.135	12.26	37851
" 14.	"	37852	Georgia Pharmacy, Vancouver, B.C.	300 Jno. Wyeth & Bro., Montreal.	11.49	0.101	0.335	0.120	14.92	37852

DISTRICT OF VICTORIA—D. OSULLIVAN, INSPECTOR.

Mar. 18.	Beef, Iron and Wine	41659	F. J. Williams, Victoria, B.C.	100 Parke, Davis & Co., Walkerville, Ont.	17.66	0.063	0.455	0.055	11.27	41659
" 18.	"	41660	W. S. Terry, Victoria, B.C.	100 Vendor	9.96	0.122	0.565	0.436	22.61	41660
" 18.	"	41661	Hall & Co., Victoria, B.C.	100 Jno. Wyeth & Bro., Philadelphia.	11.78	0.198	0.555	0.065	15.96	41661
" 18.	"	41662	Wm. Jackson & Co., Victoria, B.C.	100 Dominion Drug Co., Hamilton.	10.30	0.074	0.210	0.065	14.84	41662
" 18.	"	41663	Geo. A. Fraser, Victoria, B.C.	100 Vendor	16.75	0.046	0.365	0.150	12.93	41663

