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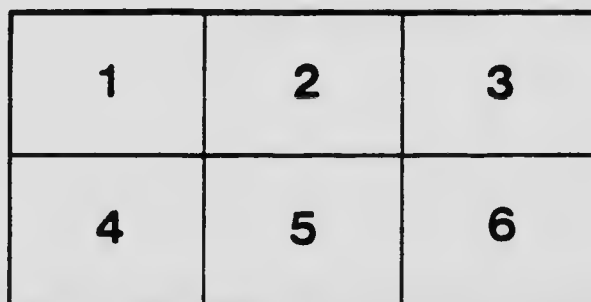
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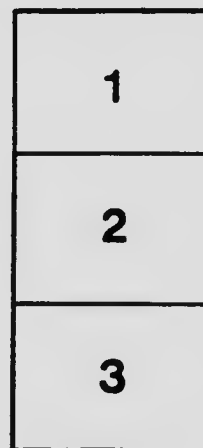
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

BULLETIN No. 78

WHITE LEAD IN OIL

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OF THE
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BULLETIN No. 78.

WHITE LEAD IN OIL.

OTTAWA, Aug. 22, 1906

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

SIR,—In accordance with the instructions of your predecessor, a collection of samples of white lead in oil, was made in the months of February and March last. 99 samples were collected in all, and submitted to the district analysts for examination. The results are shown in the subjoined table, and the following is a general view of the origin and character of the samples:—

No. of Samples.	Where Collected.	Sold as Pure But Adulterated.	Adulterated.	Genuine or Unadulterated.
8	Halifax, N.S.	4	2	2
4	St. John, N.B.	0	1	3
4	Fredericton, N.B.	1	0	3
5	Montreal, P.Q.	3	1	1
2	St. Hyacinthe....	0	0	2
3	St. Johns.....	1	0	2
2	Three Rivers.....	0	0	2
4	Quebec.....	4	0	0
6	Ottawa, Ont.	2	2	2
4	Brockville.....	0	2	2
4	Kingston.....	0	1	3
1	Stratford.....	0	0	1
2	Listowel.....	1	0	1
2	Palmerston.....	0	0	2
2	Mount Forest.....	0	1	1
4	Owen Sound.....	1	1	2
2	Shelburne, Ont.....	0	0	2
3	Orangeville.....	0	0	3
1	Tottenham.....	0	0	1
2	Alliston.....	0	0	2
2	Collingwood.....	0	0	2
2	Barrie.....	0	0	2
2	Guelph.....	1	0	1
1	Berlin.....	0	0	1
2	Waterloo.....	1	0	1
1	Goderich.....	1	0	0
1	Clinton.....	1	0	0
11	Winnipeg, Man.....	2	4	5
1	St. Boniface.....	0	0	1
8	Vancouver, B.C.....	2	2	4
3	New Westminster....	0	1	2
99		25	18	56

In the foregoing statement I have distinguished between those of the adulterated samples which have been sold as 'pure' or 'genuine' and others which have been sold simply as 'white lead' or under fancy names, such as 'No. 1' 'Anchor' 'Extra' 'Compound' &c. This is in accordance with the provisions of the Act in restraint of fraudulent sale or marking, which prohibits the use of the terms 'pure' or 'genuine' unless the white lead in oil has the composition defined in Schedule A of the Act in question. Out of the 99 samples collected, 56 were found to be genuine, 25 of the adulterated samples had been sold as pure, and the remaining 18 were sold without guarantee. The latter samples have all been characterised by the district analysts as 'adulterated', a perfectly justifiable proceeding on their part. This will be evident when it is considered that these sophisticated samples are in many cases marked simply 'white lead', sometimes with the words in addition, 'Warranted' 'No. 1' 'Extra' &c. The amount of admixture of the 'Barytes' varies from 12 to 78 per cent. It would be equally to the advantage of the consumer and manufacturer if the percentage present of adulterant were stated on the label. Since pure dry white lead contains 86.32 per cent lead oxide, it follows that, when ground with 8 per cent oil, the resulting pigment should contain 79.41 per cent lead oxide.

With reference to the 25 adulterated samples which were sold as pure, the vendors were required, in accordance with Section 11 of the Adulteration Act to pay the expense of collecting and analysing the samples, amounting in each case to \$9. Eighteen of these vendors complied with the demand; one appealed to the chief analyst with the result that the finding of the district analyst was confirmed; and two were relieved on showing that their samples had not been sold as pure. There still remain five vendors of this class, against whom it has been recommended that prosecutions should be instituted.

In four of the samples described in the accompanying table, the manufacturers have thought fit to print on their labels for the pure article, the words 'Government Standard'. Since the department has not taken any action beyond carrying out the provisions of the Act in restraint of Fraudulent Sale or marking, it would seem wise to discountenance the use of the words just quoted.

I beg to request the publication of this report and table.

I have the honour to be sir,

Your obedient servant,

THOMAS MACFARLANE,

Chief Analyst.

RESULTS of the Examination of

Date of Collection.	No. of Sample.	Quantity Purchased.	Cost.	Sample sold as	NAME AND ADDRESS OF	
					Vendor.	Manufacturer or Furnisher as given by Vendor.
1901.			\$ cts.	<i>Official Analyst, M. Bowman, Halifax, N.S.</i>	<i>Halifax, N.S.</i>	
Feb. 19	20031	3 lbs.	0 36	Pure white lead.	F. Reardon, painter...	P. D. Dods & Co., Montreal.
" 19	20032	3 "	0 25	"	W. Horton & Son, painters.	" "
" 19	20033	3 "	0 35	H & P Anchor brand; decorative white lead	G. H. Cutlip, painter..	Henderson & Potts, Halifax, N.S.
" 19	20034	3 "	0 30	Ramsay's Exterior.	Moore & Martin, painters.	A. Ramsay & Co., Montreal.
" 20	20035	3 "	0 30	.....	Black Bros. & Co., hardware.	British North American Paint Co., Montreal.
" 20	20036	3 "	0 30	London No. 1 not guaranteed pure.	A. J. Grant & Co., hardware.	Henderson & Potts, Halifax, N.S.
" 20	20037	3 "	0 30	Green Seal brand; pure white lead.	Crowell Bros., hardware.	Sherwin & Williams Co., Montreal.
" 20	20038	3 "	0 30	B B genuine white lead.	Walsh Bros.	Brandram Bros., London, England.
					<i>St. John, N.B.</i>	
" 18	17768	3 "	0 30	Chemically pure.	James Robertson Co., Limited.	Vendors
" 18	17769	3 "	0 30	"Decorators" pure lead; Association No. 357963.	A. M. Rowan, 331 Main street.	Canada Paint Co., Montreal.
" 18	17770	3 " (1 lb. tins.)	0 33	Pure lead ..	P. Nase & Son, 70 Bridge street.	Henderson & Potts, Halifax, N.S.
" 19	17771	6 lbs. (3 tins.)	0 72	Not guaranteed pure.	W. H. Thorne & Co., Prince Wm. street.	British North American Colour Co.
					<i>Fredericton, N.B.</i>	
" 26	17772	3 lbs.	0 30	"Decorators" pure.	J. G. Neill, 354 Queen street.	P. D. Dods & Co., Montreal.
" 26	17773	3 "	0 30	Green Seal brand; strictly pure.	" "	Sherwin & Williams Co., Montreal.
" 26	17774	3 "	0 30	Brandram's genuine.	G. Tweeddale & Co., Queen street.	Henderson & Potts, Halifax, N.S.
" 26	17775	3 "	0 30	Elephant brand; Association No. 592217.	R. Chestnut & Sons, Queen street.	Canada Paint Co., Montreal.
				<i>Official Analyst Dr. M. Fiset, Quebec.</i>	<i>Montreal.</i>	
" 14	19785	3 "	0 24	"Decorators" pure white lead.	E. Archambault, 661 Notre Dame street.	P. D. Dods & Co., Montreal.
" 14	19786	3 "	0 24	Pure white lead.	" "	" "
" 16	19787	3 "	0 24	Special "decorators" white lead; warranted.	H. Sylvester & Son, 701 St. Lawrence street.	" "
					<i>St. Hyacinthe, Que.</i>	
" 18	19788	3 "	0 23	Warranted pure.	Eugene L. Desautel, Cascade street.	Canada Paint Co.
" 18	19789	3 "	0 24	Association No. 597670	N. Beaunayer, Cascade street.	Henderson & Potts, Halifax, N.S.
					<i>Montreal.</i>	
" 19	19791	3 "	0 27	Pure white lead.	A. Beaudoin, 49 St. Lawrence street.	P. D. Dods & Co., Montreal.
" 19	19792	3 "	0 30	Association No. 606202	Wall Bros., 15b Bleury street.	Canada Paint Co.

99 Samples of White Lead in Oil.

RESULTS OF ANALYSIS.				No. of Sample.	Remarks of Official Analyst.
Lead Oxide.	Carbon Dioxide.	Barium Sulphate.	Oil.		
p. c.	p. c.	p. c.	p. c.		
.....	61.13	.....	20081	Adulterated with barium sulphate.
.....	17.09	.....	20082	" "
.....	26.58	.....	20083	" "
.....	22.19	.....	20084	" "
.....	62.51	.....	20085	" "
.....	40.67	.....	20086	" "
80.41	20087	Unadulterated.
80.49	20088	"
77.39	6.77	17768	"
70.48	6.24	17769	"
75.58	7.39	17770	"
23.91	57.20	7.68	17771	Adulterated with barium sulphate.
70.34	7.59	4.79	17772	" "
80.36	4.00	17773	Unadulterated.
79.67	4.97	17774	"
77.91	7.24	17775	"
74.10	6.80	7.26	19785	Adulterated with barium sulphate.
75.06	6.85	6.24	19886	" "
56.85	27.50	5.38	19787	" "
79.85	7.00	19788	Genuine.
79.93	5.32	19789	"
77.25	3.25	7.28	19791	Adulterated with barium sulphate.
78.95	7.46	19792	Genuine.

RESULTS of the Examination of

Date of Collection.	No. of Sample.	Quantity Purchased.	Cost.	Sample sold as	NAME AND ADDRESS OF	
					Vendor.	Manufacturer or Furnisher as given by Vendor.
1901.			\$ cts.		<i>St. Johns, Que.</i>	
Feb. 21	19793	3 lbs.	0 25	Pure white lead.	J. A. Lomme, Richelieu street.	Dominion Oil Cloth Co., Montreal.
" 21	19794	3 "	0 24	"	C. O. Gervais, Richelieu street.	P. D. Dods & Co., Montreal.
" 21	19795	3 "	0 24	Pure	Alex. Godin	L. Lafleur, Montreal....
					<i>Three Rivers, Que.</i>	
" 22	19796	3 "	0 24	Chemically pure white lead.	Josh. Godin et fils, 10 Forges street.	J. Robertson Co., Ltd., Montreal.
" 22	19797	3 "	0 21	Seal brand; strictly pure.	Panneton & Blouin...	Sherwin & Williams, Montreal.
					<i>Quebec.</i>	
" 27	19798	3 "	0 30	Pure.	Lapointe & Lapointe, 100 Crown street.	P. D. Dods & Co., Montreal.
" 27	19799	3 "	0 30	"	Gauthier & Freere, St. Joseph street.	Henderson & Potts, Halifax, N.S.
" 27	19800	3 "	0 25	"	L. C. Giguère, 314 St. Joseph street.	P. D. Dods & Co., Montreal.
" 27	19801	3 "	0 25	" taken from 200 lbs barrel.	Pouliot & Gervais, 402 St. Joseph street.	" "
				<i>Official Analyst, Dr. F. X. Valade, Ottawa.</i>	<i>Ottawa.</i>	
" 14	20611	4 lbs.	0 32	Warranted pure; from 25 lb. keg; association No. 509890.	John Storr, 404 Bank St.	Wm. Hill, Montreal....
" 14	20612	3½ lbs.	0 25	Chemically pure; association No. 545633.	Thos. Birkett & Son, Bank St.	Montreal Rolling Mills Company.
" 14	20613	3 tins (6 lbs.)	0 60	Not guaranteed	" " ..	" " ..
" 14	20614	3 tins (3 lbs.)	0 30	"	W. Graham, Bank St.	British North America Colour Company.
" 14	20615	5 lbs. from 25 lb. keg.	0 50	Guaranteed to be absolutely pure.	Geo. Philbert, 97 Clarence St.	P. D. Dods & Co., Montreal.
" 14	20616	25 lb. can.	1 85	"Decorators" pure...	O'Connor & O'Callaghan Co., 819 Bank St.	" " ..
					<i>Brookville, Ont.</i>	
" 15	20618	4 lbs. from 25 lb. keg.	0 32	Anchor Decorative...	A. G. Dobbie & Co.	Henderson & Potts, Halifax, N.S.
" 15	20619	5 lbs. from 25 lb. keg.	0 40	"Decorators"; warranted pure; Association No. 554231.	B. D. Steacy.....	The Canada Paint Co., Montreal.
" 15	20620	" ..	0 40	Elephant brand; genuine; Association No. 516306.	"	" " ..
" 15	20621	3 tins (9 lbs.)	0 99	Not guaranteed	R. H. Smart.....	Name not on label; vendor purchased from P. D. Dods & Co.
					<i>Kingston, Ont.</i>	
" 16	20622	5 lbs. from 25 lb. keg.	0 40	Elephant brand; Association No. 358973.	A. Strachan	Canada Paint Co., Montreal.
" 16	20623	4½ lbs. from 25 lb. keg.	0 25	Tiger brand; chemically pure; Association No. 578563.	"	Montreal Rolling Mills Company.
" 16	20624	" ..	0 32	Maple Leaf; extra white lead.	John Corbett.....	" " ..
" 16	20625	6 lbs. from 25 lb. keg.	0 48	Government Standard; pure white lead.	W. A. Mitchell	Elliott & Co., Toronto...

99 Samples of White Lead in Oil—Continued.

RESULTS OF ANALYSIS.					Remarks of Official Analyst.
Lead Oxide.	Carbon Dioxide.	Barium Sulphate.	Oil.	No. of Sample.	
p. c.	p. c.	p. c.	p. c.		
79.40			6.96	19793	Genuine.
76.45		3.65	6.94	19794	Adulterated with barium sulphate.
79.95			6.76	19795	Genuine.
79.65			7.06	19796	"
80.35			5.95	19797	"
75.45		5.40	7.24	19798	Adulterated with barium sulphate.
63.55		20.00	6.34	19799	" "
72.10		7.85	8.14	19800	" "
74.25		6.25	7.42	19801	" "
79.50	8.87		8.05	20811	Not adulterated.
79.44	8.79		7.94	20812	"
35.19	4.00	50.29	8.74	20813	Adulterated.
35.87	4.22	48.26	9.99	20814	"
72.30	7.82	7.47	8.22	20815	"
71.20	7.50	8.17	9.24	20816	"
56.57	6.29	27.54	7.38	20818	"
80.72	9.05		7.14	20819	Not adulterated.
79.63	8.44		7.98	20820	"
49.85	5.46	34.48	8.54	20821	Adulterated.
80.44	8.94		7.06	20822	Not adulterated.
78.24	8.56		8.22	20823	"
51.12	5.52	32.77	7.26	20824	Adulterated.
78.44	8.27		8.56	20825	Not adulterated.

RESULTS of the Examination of

Date of Collection.	No. of Sample.	Quantity purchased.	Cost.	Sample sold as	NAME AND ADDRESS OF	
					Vendor.	Manufacturer or Furnisher as given by Vendor.
1901.			\$ cts.	<i>Official Analyst, Dr. W. H. Ellis, Toronto.</i>	<i>Stratford, Ont.</i>	
Feb. 18	19452	3 lbs.	0 24	Elephant brand; pure.	Graber & Son... .. <i>Listowel, Ont.</i>	Canada Paint Co., Montreal.
" 18	19453	3 "	0 30	Pure	Adolph & Bonnett... ..	Elliott & Co., Toronto...
" 18	19454	3 "	0 25	"	S. Bicker..... <i>Palmerston, Ont.</i>	P. D. Dods & Co., Montreal.
" 18	19455	3 "	0 25	Elephant brand; genuine.	Chalmer Bros.....	Canada Paint Co., Montreal.
" 18	19456	3 "	0 25	Pure; Association No. 448413.	Wm. Lynch..... <i>Mount Forest, Ont.</i>	" "
" 19	19457	3 "	0 25	Genuine; Association No. 448185.	J. P. Noonan.....	" "
" 19	19458	3 "	0 25	Extra Standard.....	Scott & Murphy..... <i>Owen Sound, Ont.</i>	Sanderson Percy, Toronto.
" 20	19459	3 "	0 25	Pure	Chester Bros.....	P. D. Dods & Co., Montreal.
" 20	19460	3 "	0 25	Pure; Association No. 423460.	"	Ontario Lead and Wire Co., Toronto.
" 20	19461	3 "	0 25	Unicorn white lead; Association No. 550842.	F. N. Lapan.....	A. R. Ramsay & Son, Montreal.
" 21	19462	3 "	0 25	External white lead..	"	" "
" 21	19463	3 "	0 25	Pure; Government Standard.	W. A. Hillhouse.....	Elliott & Co., Toronto...
" 21	19464	3 "	0 25	Pure; Champion white lead.	J. J. Metcalfe..... <i>Orangeville, Ont.</i>	Steward & Wood, Toronto
" 21	19465	3 "	0 25	Pure; Government Standard white lead.	Brett & Taylor.....	F. Frost, Toronto. . . .
" 21	19466	3 "	0 25	Pure; Association No. 301047.	Adamson, Hewett & Sproal.	Canada Paint Co., Montreal.
" 21	19467	3 "	0 25	Pure; Association No. 541970.	F. J. Marshall.....	Ontario Lead and Wire Co., Toronto.
" 22	19468	3 "	0 25	Chemically pure.....	<i>Official Analyst, F. T. Harrison, London, Ont.</i> L. P. Foucar..... <i>Alliston, Ont.</i>	Jas. Robertson & Co., Toronto.
" 22	19469	3 "	0 25	Pure	J. J. Cain.....	Elliott & Co., Toronto...
" 22	19470	3 "	0 25	Pure; Elephant brand; Association No. 567370.	W. B. Clifton.....	R. Ramsay & Son, Montreal.

99 Samples of White Lead in Oil—Continued.

RESULTS OF ANALYSIS.				No. of Sample.	Remarks of Official Analyst.
Lead Oxide.	Carbon Dioxide.	Barium Sulphate.	Oil.		
p. c.	p. c.	p. c.	p. c.		
74·72	12·13	.....	12·09	19452	Genuine.
74·60	11·53	.....	12·58	19453	"
65·27	8·88	13·10	11·14	19454	Adulterated by admixture with barium sulphate to the extent of 13 per cent.
81·40	11·55	.....	5·23	19455	Genuine.
78·08	11·16	.....	9·05	19456	"
76·14	9·92	.....	11·89	19457	"
35·54	4·88	26·21	30·51	19458	Adulterated by admixture with 23 per cent of barium sulphate.
66·92	8·62	12·44	10·17	19459	Adulterated by admixture with 12 per cent of barium sulphate.
74·85	10·26	.....	13·07	19460	Genuine.
76·76	11·51	.....	10·26	19461	"
34·65	5·09	25·81	33·85	19462	Adulterated by admixture with 25 per cent of barium sulphate.
75·87	12·30	.....	10·75	19463	Genuine.
77·04	11·65	.....	9·87	19464	"
77·40	10·91	.....	9·93	19465	"
75·50	11·10	.....	11·87	19466	"
75·60	10·18	.....	12·32	19467	"
75·00	12·20	.....	7·60	19468	Unadulterated.
78·59	12·58	.....	8·44	19469	"
78·50	10·76	.....	7·76	19470	"

RESULTS of the Examination of 99

Date of Collection.	No. of Sample.	Quantity purchased.	Cash.	Sample sold as	NAME AND ADDRESS OF	
					Vendor.	Manufacturer or Furnisher as given by Vendor.
1901.					<i>Collingwood, Ont.</i>	
Feb. 22	19471	3 lbs.....	0 25	Pure; Association No. 557905.	White Bros.....	Canada Paint Co., Montreal.
" 22	19472	3 "	0 25	Pure; Association No. 594086.	J. Henderson.....	" " ..
					<i>Barrie, Ont.</i>	
" 22	19473	3 "	0 25	Pure	Johnson & Warren....	Jas. Robertson & Co., Toronto.
" 22	19474	3 "	0 25	Pure; Association No. 567415.	J. R. Harbly.....	Canada Paint Co., Montreal.
					<i>Guelph, Ont.</i>	
" 22	19475	3 "	0 25	"Decorators" pure...	G. A. Richardson....	P. D. Dods & Co., Montreal.
" 22	19476	3 "	0 25	Pure; Association No. 448461.	John M. Bond.....	Canada Paint Co.....
					<i>Berlin, Ont.</i>	
" 22	19477	3 "	0 25	Pure	Peter Hyman.....	Jas. Robertson & Co., Toronto.
					<i>Waterloo, Ont.</i>	
" 22	19479	3 "	0 25	"	M. Werchal & Son....	" " ..
" 27	19480	3 "	0 25	"	Leitch & Liphardt....	P. D. Dods & Co., Montreal.
					<i>Goderich, Ont.</i>	
" 22	19481	3 "	0 25	"Decorators" pure...	A. McD. Allen.....	" " ..
					<i>Clinton, Ont.</i>	
" 22	19482	3 "	0 25	"	Davis & Rowlan.....	" " ..
				<i>Official Analyst, E. E. Kenrick, Winnipeg, Man.</i>	<i>Winnipeg, Man.</i>	
" 21	17310	3 tins....	0 45	"Decorators" pure...	J. H. Ashdown.....	Canada Paint Co., Montreal.
" 21	17311	3 "	0 30	Compound.....	"	" " ..
" 21	17312	2 lbs.....	0 20	Pure; Association No. 566601.	"	" " ..
" 21	17313	3 "	0 30	Pure (Crown brand); Association No. 589955.	G. F. Stephens Co....	" " ..
" 25	17314	3 "	0 30	Ramsay's Exterior Compound.	R. Wyatt.....	Ramsay & Son, Montreal.
" 25	17315	3 "	0 30	"Decorators" pure...	Mackenzie Bros.	P. D. Dods & Co., Montreal.
" 26	17316	3 "	0 30	Pure; Association No. 570823.	F. W. Weir & Co.....	Canada Paint Co.....
" 26	17317	3 "	0 20	Pure; Association No. 467369.	C. A. Baskerville ...	"
" 26	17318	3 tins (2 lbs. each)	1 00	Compound.....	Watt & Gordon.....	"
					<i>St. Boniface, Man.</i>	
" 27	17319	3 lbs.....	0 30	Pure; Association No. 473026.	Allaire & Bleau.....	"

Samples of White Lead in Oil—Continued.

RESULTS OF ANALYSIS.				No. of Sample.	Remarks of Official Analyst.
Lead Oxide.	Carbon Dioxide.	Barium Sulphate.	Oil.		
p. c.	p. c.	p. c.	p. c.		
79.16	12.08	.....	7.56	19471	Unadulterated.
76.52	11.73	.....	10.58	19472	"
79.31	12.94	.....	6.84	19473	"
79.37	12.30	.....	7.08	19474	"
71.96	12.08	7.96	8.00	19475	Adulterated with sulphate of barium.
78.93	12.86	.....	7.34	19476	Unadulterated.
79.17	11.25	.....	8.31	19477	"
78.87	12.40	.....	7.30	19479	"
65.76	9.57	17.42	6.28	19480	Adulterated with barium sulphate.
49.48	7.71	31.45	9.60	19481	" "
69.54	10.21	7.02	10.56	19482	" "
77.71	11.42	.....	8.69	17310	Genuine.
26.92	3.63	58.50	7.91	17311	Adulterated.
80.50	11.49	.....	5.63	17312	Genuine.
78.32	11.37	.....	8.45	17313	"
51.50	6.56	21.92	8.77	17314	Adulterated.
66.34	9.10	13.36	7.72	17315	"
77.13	10.02	.....	7.97	17316	Genuine.
78.38	11.69	.....	7.81	17317	"
23.31	3.10	60.25	10.28	17318	Adulterated.
76.53	11.30	.....	10.10	17319	Genuine.

RESULT of the Examination of 99

Date of Collection.	No. of Sample.	Quantity purchased.	Cash.	Sample sold as	NAME AND ADDRESS OF	
					Vendor.	Manufacturer or Furnisher as given by Vendor.
1901.					<i>Winnipeg, Man.</i>	
Feb. 28	17320	3 lbs.	0 30	"Decorators" pure...	W. R. Talbot & Co ...	P. D. Dods & Co.
" 28	17321	3 tins.	0 65	Compound	The Jas. Robertson Co.	Vendors.
				<i>Official Analyst, Dr. C. J. Fagan, Victoria, B.C.</i>	<i>Vancouver, B.C.</i>	
Mar. 1	21568	15 lbs.	1 15	Pure; Association No. 460617.	Lewis & Sills	British American Paint Company.
" 1	21569	14½ "	1 20	"Decorators" pure...	McTaggart & Moserop.	P. D. Dods & Co., Montreal.
" 1	21570	14½ "	1 15	Pure	" " ..	" " ..
" 2	21571	12½ " ...	1 00	Genuine; Association No. 461665.	Thos. Dunn & Co.	A. Ferguson & Co., Montreal.
" 4	21572	14 "	1 20	Chemically pure; Government standard.	"	Robertson's Dominion Lead Works, Toronto.
" 4	21573	3 2-lb. cans	0 60	.....	" .....	British American Paint Company.
" 4	21574	12½ lbs.	1 10	Tiger brand; pure; Association No. 645431	Vancouver Hardware Company.	Montreal Rolling Mills.
" 4	21575	12½ "	1 00	Extra	" " ..	" " ..
					<i>New Westminster, B.C.</i>	
" 5	21576	11½ "	0 90	Pure; Association No. 593627.	Cunnam Hardware Company.	A. Ramsay & Son, Montreal.
" 5	21577	11 "	0 83	Pure; Association No. 374277.	" " ..	" " ..
" 6	21578	3 2-lb. cans	0 60	No. 1 on cans.	McTaggart & Moserop.	P. D. Dods & Co., Montreal.

Samples of White Lead in Oil—*Concluded.*

RESULTS OF ANALYSIS.				No. of Sample.	Remarks of Official Analyst.
Lead Oxide.	Carbon Dioxide.	Barium Sulphate.	Oil.		
p. c.	p. c.	p. c.	p. c.		
52.47	7.16	29.66	7.92	17320	Adulterated.
27.13	3.78	58.24	7.99	17321	"
86.80	8.60	.....	6.60	21568	Genuine.
72.87	10.65	15.00	7.70	21569	Barium added; adulterated.
75.44	5.85	11.50	7.70	21570	"
74.69	7.10	.....	6.50	21571	Genuine.
87.87	11.40	.....	6.80	21572	"
75.32	4.10	78.00	9.90	21573	Adulterated with barium sulphate.
86.67	10.80	.....	5.70	21574	Genuine.
47.15	7.55	45.70	6.30	21575	Adulterated with barium sulphate.
85.20	11.90	.....	7.10	21576	Genuine.
86.30	11.40	.....	7.00	21577	"
17.57	2.40	70.30	9.30	21578	Adulterated with barium sulphate.

