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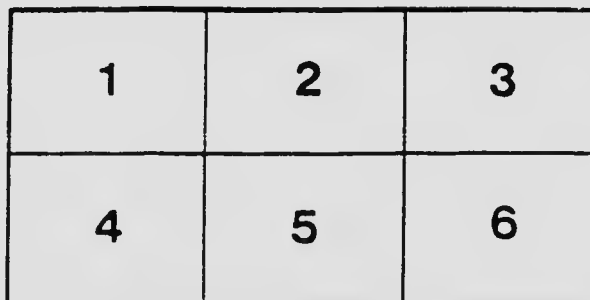
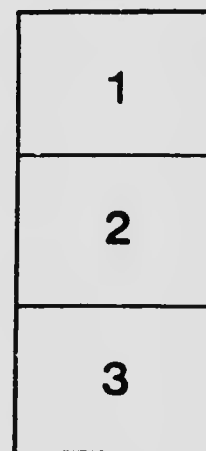
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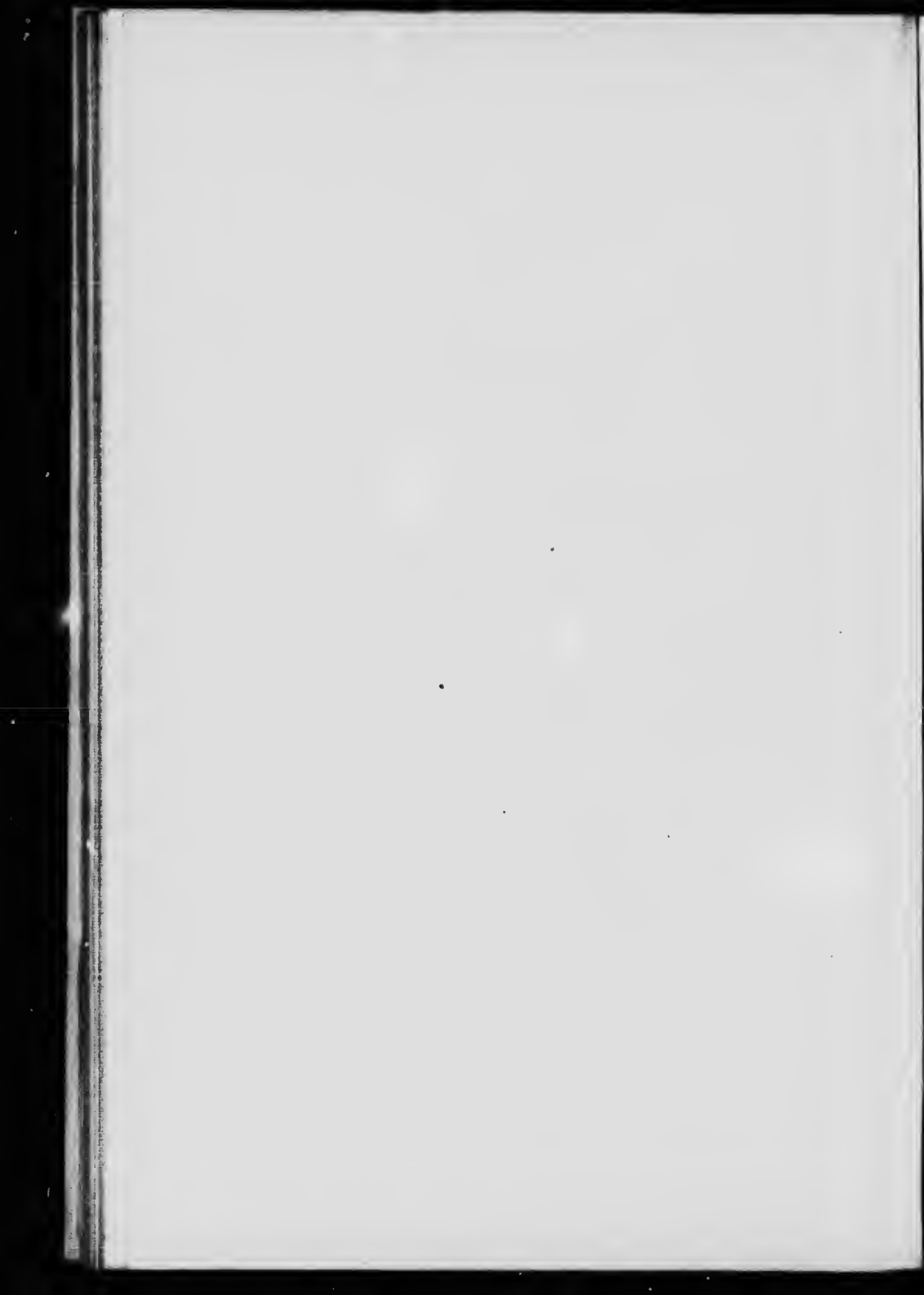
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN, No. 103

PEPPERS



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN, No. 103

PEPPERS

OTTAWA, March 22, 1905.

Wm. HIMS WORTH, Esq.,
Acting Deputy Minister.

SIR,—I beg to submit herewith tabulated statements showing the results of examining black and white peppers collected in the month of February last, in accordance with the instructions contained in your letter dated the 1st of that month. The following summary shows where the samples were collected and in what numbers and classifies them, also in reference to their purity:—

—	District.	Genuine.	Doubtful.	Adulterated.	Total.
Black Peppers..	Nova Scotia	4	0	0	4
	Prince Edward Island	1	0	0	1
	New Brunswick	2	1	2	5
	St. Hyacinthe	0	0	7	7
	Montreal	3	0	6	9
	Kingston	2	1	4	7
	Toronto	2	3	4	9
	London	5	0	2	7
	Manitoba	1	1	3	5
	British Columbia	2	1	3	6
		22	7	31	60
White Peppers.	Nova Scotia	3	0	0	3
	Prince Edward Island	1	0	0	1
	New Brunswick	1	0	1	2
	St. Hyacinthe	0	0	3	3
	Montreal	3	1	2	6
	Kingston	0	0	3	3
	Toronto	1	2	0	3
	London	2	0	1	3
	Manitoba	1	0	1	2
	Calgary	0	0	1	1
British Columbia	1	0	1	2	
		13	3	10	26
	Both sorts	35	10	41	86

From these figures it will be seen that 47·7 per cent of the samples collected were found to be adulterated and only 40·7 per cent undoubtedly genuine.

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

THOMAS MACFARLANE,
Chief Analyst.

Results of examining Black and White Peppers.

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost.	Total Ash.	Microscopic Examination.	Opinion by A. McGill.
1905.							
Feb. 21.	Black Pepper	29257	J. P. Mott & Co., Halifax	3	4.50	Pepper tissue only.	Genuine
" 21.	"	29258	The F. S. Tracey Mfg. Co., Halifax	" 20	5.20	"	"
" 21.	"	29259	W. H. Schwartz & Sons, Halifax	" 21	3.84	"	"
" 21.	"	29271	C. S. Davis, Halifax	" 27	4.76	"	"
<i>District of Nova Scotia.</i>							
Feb. 23.	Black Pepper	21421	Beer & Goff, Charlottetown	1 14	5.00	Pepper tissue only.	Genuine.
<i>District of Prince Edward Island.</i>							
Feb. 8.	Black Pepper, Reindeer Brand	23468	Baird & Peters, Ward St., St. John	3 1/2 lb. 18	1.70	Pepper tissue only	Genuine.
" 15.	Black Pepper	23673	E. M. Garong, Water St., St. Stephen's	" 30	5.92	Wheat flour and foreign tissue	Adulterated
" 16.	"	23875	E. M. Hoban York St., Fredericton	" 25	4.20	Pepper tissue only	Genuine.
" 22.	"	23877	Carleton & McArthur, Broad St., Sussex	" 21	4.82	Wheat starch and foreign tissue	Adulterated
" 23.	"	23880	Steeves & Allanach, Main St., Moncton	" 25	5.14	A little wheat starch and some stoniac cells	Doubtful
<i>District of St. Henri.</i>							
Feb. 15.	Black Pepper	24641	Jose, Dauphinais, Village St. Hilaire	1 lb. 20	15.81	Foreign tissue and dirt	Adulterated.
" 15.	" Arrow Brand	24642	E. Perrin, St. Lambert	" 25	12.48	"	"
" 15.	"	24643	A. Fobay, St. Jean, Que.	" 24	14.28	"	"
" 15.	"	24644	L. Morvan, St. Jean, Que.	" 20	15.76	"	"
" 15.	"	24645	Buzze Bros., Cowansville	" 20	5.78	Wheat and maize starch	"
" 15.	"	24646	C. A. Boright, Sweetburgh	" 22	5.20	"	"
" 15.	"	24647	C. H. Boright, Sweetburgh	" 22	5.44	"	"
<i>District of Montreal.</i>							
Feb. 21.	Black Pepper	23316	Julien Niding, 288 Rachel St., Montreal	1 lb. 35	14.42	Wheat and buckwheat starch, stoniac cells and dirt	Adulterated.

RESULTS of examining Black and White Peppers—Continued.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cust.	Total A. b.	Microscopic Examination.	Opinion by A. McGill.
1901.			<i>District of Montreal—Concluded.</i>	lb. c.			
Mar. 21.	Black Pepper	25317	J. Chateaud, 314 Rachel St., Montreal	1 lb. 20	6 14	Pepper tissues only	Genuine.
" 21.	"	25318	J. H. Mautha, 434 Rachel St., Montreal	" 25	6 72	Charcoal stone cells and dirt	"
" 22.	"	25319	M. Rosenthal, 149 Vitre St., Montreal	" 22	13 09	Foreign tissues and dirt	Adulterated.
" 22.	"	25320	T. H. Mallette, 536 LaSalle St., Montreal	" 20	16 50	Pepper tissues and dirt	"
" 22.	"	25321	B. Ram & Co., 115 St. Dominique	" 40	15 15	Pepper tissues only	Genuine
" 22.	"	25322	R. Jacobson, 112 St. Dominique	" 40	10 40	Pepper tissues only	Adulterated.
" 22.	"	25323	Bus. Monton, 35 Hotel de Ville	" 25	4 74	Foreign matter, various	Adulterated.
" 22.	"	25324	T. J. Mallette, 1618 Ontario St.	" 20	15 92	Foreign matter, various	Adulterated.
			<i>District of Kingston.</i>				
Feb. 8.	Black Pepper	25341	C. B. McLean, 137 Bank St., Ottawa	1 lb. 30	4 78	A little wheat starch	Useful.
" 8.	"	25343	W. J. Eastcott, 209 Bank St., Ottawa	" 30	10 94	Wheat flour, stone cells and dirt	"
" 8.	"	25345	P. D. Herbert, 252 Bank St., Ottawa	" 30	4 78	Pepper tissue only	Adulterated
" 9.	"	25346	James Sutherland, Perth, Ont.	" 30	3 12	A little wheat starch and some other foreign matter	Genuine.
" 9.	"	25347	J. H. Mendels, Perth, Ont.	" 30	5 30	Pepper tissue only	Adulterated
" 10.	"	25348	J. Halligan & Co., Brock St., Kingston	" 20	3 20	Wheat and maize starch and foreign tissues	Genuine
Feb. 10.	Black Pepper	25349	D. J. Gillies, Perth St., Cornwall	1 lb. 4	10	Wheat, Maize, Starch and foreign tissues	Adulterated
			<i>District of Toronto.</i>				
Feb. 15.	Black Pepper	25360	G. W. Urmy, 366 King St. E., Toronto	1 lb. 30	3 12	Wheat flour and foreign tissues	Adulterated
" 15.	"	25361	J. H. Greenshields, 300 King St. E., Toronto	1 lb. 25	4 54	Pepper tissues only	Genuine
" 15.	"	25362	J. & W. McFarren, 214 Queen St. E., Toronto	1 lb. 4	54	Pepper tissues with some foreign tissues	Genuine
" 15.	"	25363	Wm. Forster, 104 Queen St. E., Toronto	1 lb. 35	4 42	A little foreign tissue	Useful
" 15.	"	25364	Kelly Bros., 90 Queen St., E., Toronto	1 lb. 25	2 94	Wheat starch and foreign tissue	"
" 16.	"	25365	C. H. Crysdale & Son, Simcoe St., Chatham	1 lb. 30	5 92	Pepper tissue and some foreign tissue	Adulterated

"	16.	"	"	25366	M. C. Devins, Simcoe St., Chlawa.	1	30	3	81	Pepper tissues only	Genuine
"	17.	"	"	25367	Battram & Co., 116 King St., Hamilton	1	30	2	84	Wheat flour and foreign tissues	Adulterated
"	17.	"	"	25368	G. Philip, 39 McNab St., Hamilton	1	25	10	08	Wheat flour and foreign tissues	"
<i>District of London.</i>											
Feb.	8.	Black Pepper	"	22222	W. J. Norfolk, Stratford	1	25	5	04	Stone cells and foreign tissue	Adult-sized
"	9.	"	"	22226	C. H. Yee, Dundas St., London	1	30	4	24	Pepper tissues only	Genuine
"	9.	"	"	22228	Canada Spice & Grocery Co., London	1	30	3	94	"	Genuine
"	9.	"	"	22229	John McCarlin & Son, Chatham	1	30	4	36	"	Genuine
"	10.	"	"	22232	Messrs. Chene Bros., Windsor, Ont	1	30	4	06	Wheat flour and foreign tissues	Adulterated
"	13.	"	"	22246	P. F. Dean, Goderich	1	25	3	92	Pepper tissues only	Genuine
"	13.	"	"	22247	C. Cass, Andrews, Seaford	1	25	4	48	"	Genuine
<i>District of Manitoba.</i>											
Feb.	16.	Black Pepper	"	22840	Mitchell, Brandon, Ma	1	30	4	84	Wheat flour and stone cells	Adulterated
"	18.	"	"	22849	Langford Bros & Wilson, Winnipeg	1	10	9	27	Stone-cells dirt etc	"
"	18.	"	"	22850	Blue Ribbon Mfg. Co., Winnipeg	1	10	5	36	Pepper tissues only	Genuine
"	18.	"	"	22851	Corville & Co. Winnipeg	1	10	7	19	Foreign tissues and dirt	Adulterated
<i>District of Calgary.</i>											
Feb.	15.	"	"	21780	Canada Grocers Ltd., J. Turner & Co., Calgary	3	20	4	42	Pepper tissues and a little wheat starch	Adulterated
<i>District of British Columbia.</i>											
Feb.	14.	Black Pepper	"	24956	W. Braid, Vancouver, B. C.	3	3	5	46	Pepper tissues only	Genuine
"	16.	"	"	24957	J. McTaggart, 813 Granville St., Vancouver	3	3	58	A little wheat flour	Adulterated	
"	17.	"	"	24959	H. A. Howell & Co., 892 Granville St., Vancouver	3	3	96	Foreign matter various	Adulterated	
"	17.	"	"	24960	"	3	3	14	Wheat flour	"	
"	18.	"	"	24966	Empress Mfg. Co., Vancouver, B. C.	3	3	14	Foreign matter various	"	
"	18.	"	"	24967	H. A. Esquill & Co., Vancouver, B. C.	3	3	72	Pepper tissues only	Genuine	
<i>District of Nova Scotia.</i>											
Feb.	21.	White pepper	"	20270	W. H. Schwartz & Sons, Halifax	3	30	0	96	Pepper tissues only	Genuine
"	21.	"	"	20273	C. E. Cheat & Co., Halifax, N.S.	"	38	0	96	"	"
"	28.	"	"	20278	E. M. Walker, Dartmouth, N.S.	"	38	1	24	"	"
<i>District of Prince Edward Island.</i>											
Feb.	23.	White pepper	"	24419	Jenkins & Son, Charlottetown.	1	20	1	20	Pepper tissues only	Genuine

RESULTS of examining Black and White Peppers—*Concluded.*

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost.	Total Ash.	Microscopic Examination.	Opinions by A. McGill.
1904.							
Feb. 9.	White pepper.	23869	Ernest E. McMichael	pkts. c.	p. c.	Pepper tissues only.	Genuine.
" 22.	"	23870	King Asbell & Co., Station St., Sussex	3 24 " 39	2 11 2 94	Maize Starch, stone cells and other foreign tissue.	Adulterated.
<i>District of St. Hyacinthe.</i>							
Feb. 15.	White pepper	24648	Jos. Pigeon, Bebel, Que	1 lb. 35	6 04	Stone cells and other foreign tissue.	Adulterated.
" 15.	"	24649	Lord & Fournier, St. Jean, Que	" 30	2 62	Wheat and other foreign starch.	"
" 16.	"	24650	Jos. Brodeur et Cie, St. Hyacinthe	" 25	2 02	Maize and wheat starch.	"
<i>District of Montreal.</i>							
Feb. 21.	White pepper	25325	Julien Niding, 258 Rachel St., Montreal	1 40	2 14	Stone cells and other foreign tissues.	Adulterated.
" 21.	"	25326	E. Verne, 319 Rachel St., Montreal	" 35	1 98	Pepper tissue and some foreign starch.	Doubtful.
" 22.	"	25327	B. Ram & Co., 115 St. Dominique	" 40	2 32	Wheat starch and foreign tissue	Adulterated.
<i>District of Kingston.</i>							
Feb. 8.	White pepper	25340	C. B. McLean, 137 Bank St., Ottawa	1 40	1 04	Pepper tissues only.	Genuine.
" 8.	"	25342	W. J. Easton, 269 Bank St., Ottawa	1 40	4 68	"	"
" 8.	"	25344	P. D. Herbert, 232 Bank St., Ottawa	" 40	1 08	"	"
<i>District of Toronto.</i>							
Feb. 15.	White pepper	25369	G. W. Urmy, 366 King St., E. Toronto	1 40	3 52	A little wheat flour with pepper.	Doubtful.
" 15.	"	25370	J. H. Greenholds, 300 King St., E. Toronto.	1 35	1 08	Pepper tissue and some wheat starch.	"
" 15.	"	25371	J. & W. McFarren, 211 Queen St., E. Toronto	1 40	1 12	Pepper tissue only.	Genuine.

