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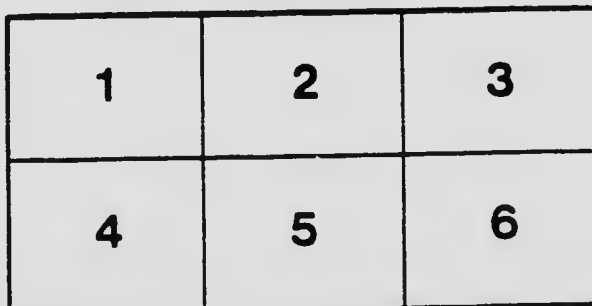
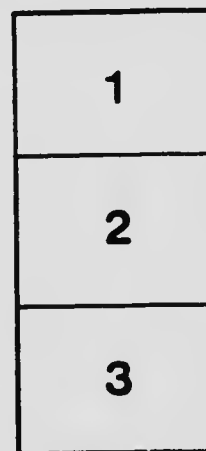
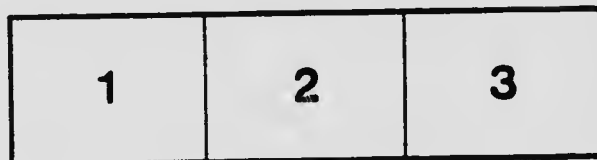
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT

BULLETIN No. 100

GROUND COFFEE

OTTAWA, August 3, 1904.

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

SIR,—I submit herewith a tabulated statement showing the results obtained by Mr. A. McGill, M.A., &c., in examining 75 samples of ground coffee, the collection of which was authorized in your letter of 14th January last. In which collection districts these samples were obtained, and the numbers of them found genuine or otherwise will be seen from the following statement:—

Collection District.	Genuine.	Adulterated.	Doubtful.	Adulteration declared.	Total.
Halifax.....	3	4	0	0	8
Prince Edward Island.....	1	0	1	0	2
New Brunswick.....	5	0	1	0	6
Quebec.....	10	0	3	0	13
Montreal.....	6	4	1	1	12
Kingston.....	5	2	0	0	7
Toronto.....	3	2	2	1	8
London.....	6	1	0	0	7
Winnipeg.....	3	1	0	0	4
Calgary.....	2	0	0	0	2
British Columbia.....	1	5	0	0	6
	45	19	8	3	75

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

THOMAS MACFARLANE,
Chief Analyst.

INSPECTION OF GROUND

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cost.	
				Quantity.	Price.
				Lbs.	\$ cts.
<i>Halifax District.</i>					
Jan. 27.	Coffee	20421	D. Wood, Windsor	1	0 30
" 27.	"	20425	Murphy & DeMont, Windsor, N.S.		
" 27.	" Peerless Brand "	20433	Brown & Dani, Halifax, N.S.		
" 27.	Royal Java	20435	R. T., Halifax, N.S.		0 40
" 27.	" Seal "	20436	R. U. ...hart & Scr, Halifax		0 40
" 27.	"	20437	W. J. Hopgood, Halifax		35
" 27.	"	20441	Burgess & Quinn, Halifax, N.S.		0 35
" 27.	" Peerless "	20443	H. W. Wentzell & Co., Halifax, N.S.		
<i>Prince Edward Island District.</i>					
Jan. 26.	Coffee	24403	Geo. Packham, Charlottetown	1	0 32
" 27.	"	24404	Brace & McKay, Summerside		0 40
<i>New Brunswick District.</i>					
" 25.	Ground coffee	23809	Maritime Spice & Coffee, Ltd., St. John.	3½ lb.	0 60
" 25.	"	23810	James Moulson, 53 Sydney St., St. John.	3 half lbs. bulk	0 60
" 28.	Cowan's Famous Blend	23815	Gross & Dawson, Main St., Mon- ton.	1 lb.	0 35
" 28.	Standard and Imperial Blend ...	23816	T. & F. Dobson, Main St., Mon- ton.	1	0 40
Feb. 4.	"Java" in bulk	23819	Inches & Grimmer, Water St., St. Stephen.		
" 5.	Ground coffee	23822	Halt, Morrison & Co., Ltd., cor. Queen and York St., Frederic- ton		36
<i>Quebec District.</i>					
Jan. 25.	Pure Mocha	23650	Maison Labonté, Terrebonne	1	0 35
" 26.	Coffee	23652	J. G. Chevalier, Joliette	1	0 40
" 26.	"	23654	J. J. Soumis, Joliette	1	0 40
" 27.	Java coffee	23657	J. O. Daviault, Berthierville	1	0 40
" 28.	Coffee	23662	Thos. Bournival, Trois Rivières ..	1	0 40
" 28.	"Ubero"	23666	L. A. Ricard, Trois Rivières	1	0 40
" 29.	Coffee	23669	L. Gingras, 304 Richelieu St., Que.		0 40
" 29.	"	23671	S. Hamel, 106 D'Aiguillon St.		0 40
" 30.	"	23674	Mrs. F. Coveny, 2 St. Patrick St., Que.		0 35
" 30.	"	23676	H. G. Kell, 80 St. Augustine		0 35

COFFEE—Tabulated Statement.

RESULTS OF ANALYSIS.			Observations.
Microscopic Examination.	Sp. Gravity of 10% extract.	Iodine reaction for Starch.	
Coffee and roasted cereals.....	1.0113	Blue	Adulterated.
" tissues only	1.0083	None.....	Genuine.
" and roasted cereals.....	1.0126	Blue	Adulterated.
" tissues only	1.0083	None	Genuine.
" "	1.0085	"	"
" and chicory tissues.....	1.0099	"	Contains a small quantity of chicory ; about 5 p.c. Sold as containing 2 oz. chicory per lb.
" and roasted cereals.	1.0149	Blue	Adulterated.
" "	1.0130	"	"
Coffee tissues ; a little chicory. . . .	1.0115	None.....	Contains about 5 p.c. of chicory.
Coffee tissues only	1.0080	"	Genuine.
Coffee tissues only	1.0093	None.....	Genuine.
" "	1.0089	"	"
" tissues with a trace of chicory. . . .	1.0093	"	Contains a trace of chicory less than 5 p.c.
" tissues only	1.0091	"	Genuine.
" "	1.0089	"	"
" "	1.0087	"	"
Coffee tissues only	1.0093	None...	"
" "	1.0091	"	"
" "	1.0081	"	"
" "	1.0087	"	"
" "	1.0091	"	"
" "	1.0088	"	"
" "	1.0084	"	"
" "	1.0090	"	"
" "	1.0081	"	"
" and chicory tissues.. . . .	1.0103	"	Contains about 5 p.c. of chicory.

INSPECTION OF GROUND

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	Cwt.	
				Quality.	Price.
1904.	<i>Quebec District—</i> Concluded.			Lb.	\$ cts.
Feb. 4.	Java Coffee	23681	John Maison, Drummondville.		0 40
" 4..	"	23682	T. A. Bourgault, Drummondville.		0 40
" 5.	"	23680	Prosper Dussault, St. Hyacinthe.		0 40
	<i>Montreal District.</i>				
Jan. 20..	Coffee	21485	A. Fournier, 1789 St. Catherine street.	1	0 40
" 20..	"	21486	C. E. Authier, 1758 St. Catherine street.	1	0 40
" 20..	"	21487	A. Mercier, 498 Dorchester street.	1	0 40
" 20..	"	21488	L. G. Thouin, 487 Lagauchetiere street.	1	0 40
" 21..	"	21489	M. F. Lafortune, 116 St. Maurice street.	1	0 40
" 21..	"	21490	Pilon & Meilleur, 114 St. Maurice street.	1	0 30
" 21..	"	21491	A. Lamy, 2021 Notre Dame street.	1	0 25
" 21..	"	21492	A. Lamy, 2021 Notre Dame street.	1	0 30
" 21..	"	21493	J. Deneau, 53 Juror st.	1	0 40
" 22..	"	21494	A. Massicotte & Co., 1472 St. Catherine street.	1	0 25
" 22..	"	21495	T. Bergeron, 1522 St. Catherine street.	1	0 35
" 22..	"	21496	C. Coderre, 1358 Notre Dame street.	1	0 40
	<i>Kingston District.</i>				
" 28..	Coffee	25001	Peter Glavey, 37 York street, Ottawa.	1	0 35
" 28..	"	25002	H. O. Richer, 31 York street, Ottawa.	1	0 35
" 28..	"	25003	P. L. Foisay, 297 Dalhousie street, Ottawa.	1	0 40
" 28..	"	25004	Wm. Rhodes, King st., Brockville.	1	0 40
" 28..	"	25005	Tompkins & Co., Brockville.	1	0 35
Feb. 1.	"	25006	Jas. Redden, Princess st., Kingston.	1	0 40
" 1.	"	25007	W. R. McRae Bros., Kingston.	1	0 30
	<i>Toronto District.</i>				
" 2..	Coffee.	25022	J. Bond, 559 Queen W., Toronto.	1	0 40
" 2..	"	25023	C. Janatta & Co., 400 Queen W., Toronto.	1	0 25
" 2..	"	25024	C. Janatta & Co., 400 Queen W., Toronto.	1	0 35
" 2..	"	25025	J. Summer, 306 Queen W., Toronto.	1	0 40

COFFEE—Tabulated Statement—Continued.

RESULT OF ANALYSIS.			Observations.
Microscopic Examination.	Sp. Gravity of 10% extract.	Iodine reaction.	
Coffee tissues only	1.0087	None	Genuine.
" and chicory tissues.....	1.0105	"	Contains about 5 p.c. of chicory.
" "	1.0125	"	Contains about 10 p.c. of chicory.
" tissues only	1.0087	None	Genuine.
"	1.0090	"	"
Coffee and a trace of roasted cereals.	1.0088	Faint blue	Doubtful.
Coffee tissues and roasted grain	1.0130	Blue ..	Adulterated.
Coffee and chicory tissues	1.0149	None	Adulterated with chicory, about 15 to 20 per cent.
Coffee and cereals.....	1.0079	Blue	Contains roasted grain.
Coffee and chicory tissues	1.0153	None	Adulterated with chicory, about 20 per cent.
Coffee tissues only	1.0089	"	Genuine.
"	1.0088	"	"
Coffee and chicory tissues	1.0120	"	Sold as containing chicory. Contains about 10 per cent.
Coffee tissues only	1.0088	"	Genuine.
"	1.0080	"	"
Coffee and chicory tissues	1.0124	"	Adulterated with chicory, about 10 to 15 per cent.
Coffee tissues only	1.0089	"	Genuine.
"	1.0085	"	"
"	1.0076	"	"
"	1.0090	"	"
"	1.0083	"	"
Coffee and chicory tissues	1.0128	"	Contains about 10 to 15 per cent chicory.
Coffee and chicory tissues	1.0115	None	Sold as containing a small amount of chicory.
Coffee, chicory and roasted cereals....	1.0195	Blue	Adulterated.
Coffee and chicory tissues	1.0105	None	Contains a little chicory, about 5 per cent.
Coffee, with a little chicory.....	1.0117	"	Adulterated with 5 to 10 per cent chicory.

INSPECTION OF GROUND

Date of Collection.	Nature of Sample.	Number of Sample.	Name and Address of Vendor.	COST.	
				Quantity.	Price.
1904.	<i>Toronto District— Concluded.</i>			Lbs.	\$ cts.
Jan. 3.	Coffee	25026	D. Sutherland, 205 King E., Hamilton.	1	0 40
" 3.	"	25027	C. Lee, 101 King E., Hamilton..	1	0 25
" 3.	"	25028	J. H. Horning, 92 John street, Hamilton.	1	0 25
" 3.	"	25029	F. H. Blain, 87 John st., Hamil- ton.	1	0 35
	<i>London District.</i>				
" 23.	Aroma coffee	22187	Charles Andrews, Seaforth	1	0 40
" 27.	Mocha coffee.....	22189	Joseph Baxter, Stratford.....	1	0 40
" 28.	Coffee	22191	Beck & Chell, Berlin	1	0 15
" 28.	"	22193	A. J. Fitzsimmons, Guelph.....	1	0 15
" 29.	"	22200	James Patterson & Co., Fergus, Ont.	1	0 28
Feb. 6.	"	22202	Peter Dill, Seaforth	1	0 40
" 6.	"	22204	Charles A. Nairn, Goderich.....	1	0 40
	<i>Winnipeg District.</i>				
" 9.	Coffee	23029	W. Dowling & Co., Brandon.....	½	0 25
" 10.	"	23026	A. Grant, Brandon.....	½	0 25
" 10.	"	23027	McLellan & English, Virden....	½	0 35
" 12.	"	23031	W. W. Stone, Winnipeg.	½	0 30
	<i>Calgary District.</i>				
" 10.	Ground coffee	21779	A. H. Richards & Co., Strathcona.	1	0 35
" 11.	"	21781	Monroe & Whitcomb, Edmonton.	1	0 25
	<i>British Columbia District.</i>				
" 2.	Coffee	24918	H. Duff, Vancouver.....	1	0 25
" 2.	"	24919	E. Clayton, Vancouver.....	1	0 25
" 2.	"	24920	W. Seidelman, Vancouver	1	0 25
" 2.	"	24924	McCulloch Bros., Vancouver.....	1	0 25
" 2.	"	24929	A. DesBrisay, Vancouver....	1	0 25
" 2.	"	24935	C. M. Tanner, Vancouver.....	1	0 20

COFFEE—Tabulated Statement—Concluded.

RESULTS OF ANALYSIS.			Observations.
Microscopic Examination.	Sp. Gravity of 10% extract.	Iodine reaction for Starch.	
Coffee tissues only	1.0097	None	Genuine.
Coffee and chicory tissues	1.0109	"	Contains about 5 per cent of chicory.
Coffee tissues only	1.0090	"	Genuine.
"	1.0082	"	"
Coffee tissues only	1.0089	"	Genuine.
"	1.0089	"	"
"	1.0089	"	"
"	1.0084	"	"
Coffee, chicory and roasted grains	1.0229	Blue	Adulterated.
Coffee tissues only	1.0091	None	Genuine.
"	1.0091	"	"
Coffee tissues only	1.0090	None	Genuine.
Coffee and chicory tissues	1.0140	"	Adulterated
Coffee tissues only	1.0095	"	Genuine.
"	1.0096	"	"
.....
Coffee tissues only	1.0087	None	Genuine.
Coffee tissues and roasted cereals	1.0123	Blue	Adulterated.
"	1.0117	"	"
Coffee, chicory and roasted cereals	1.0181	"	"
Coffee and roasted grain	1.0123	"	"
"	1.0125	"	"
Coffee tissues only	1.0091	None	Genuine.

th chicory, about 15 to 20 per

..... whole coffee.

