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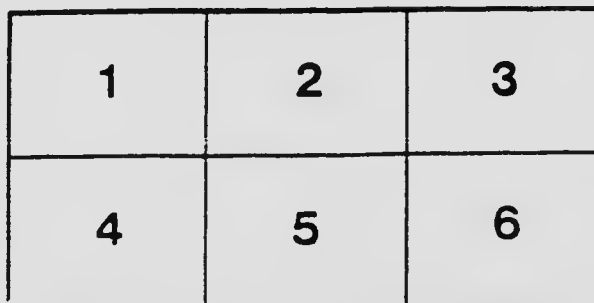
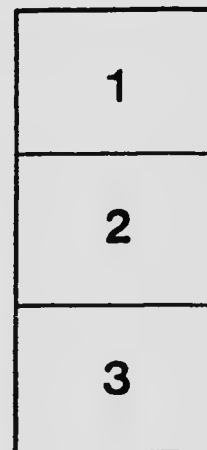
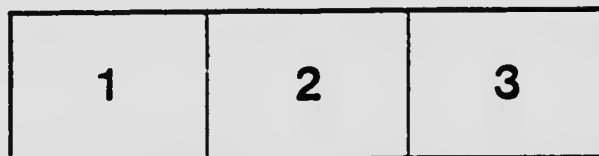
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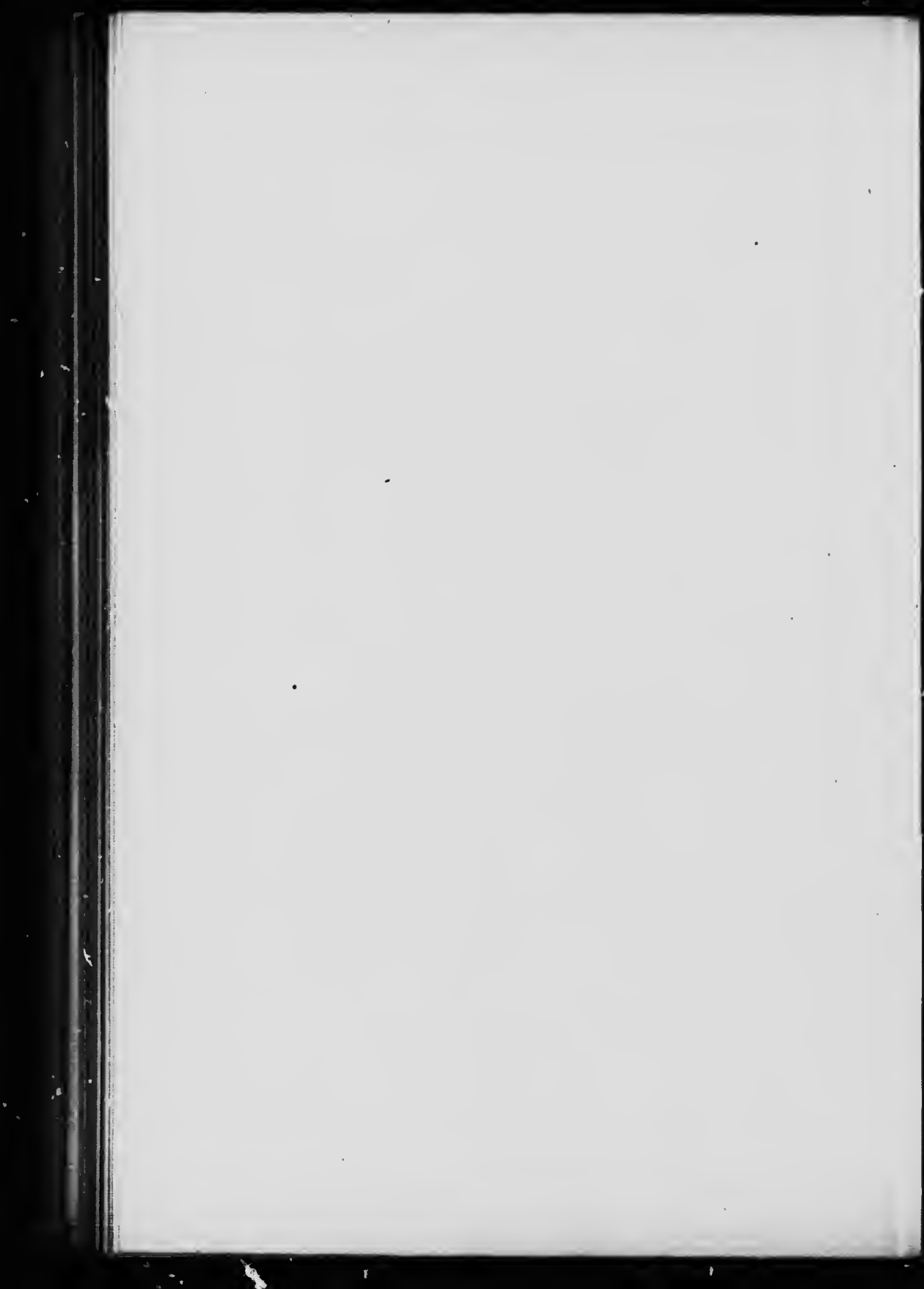
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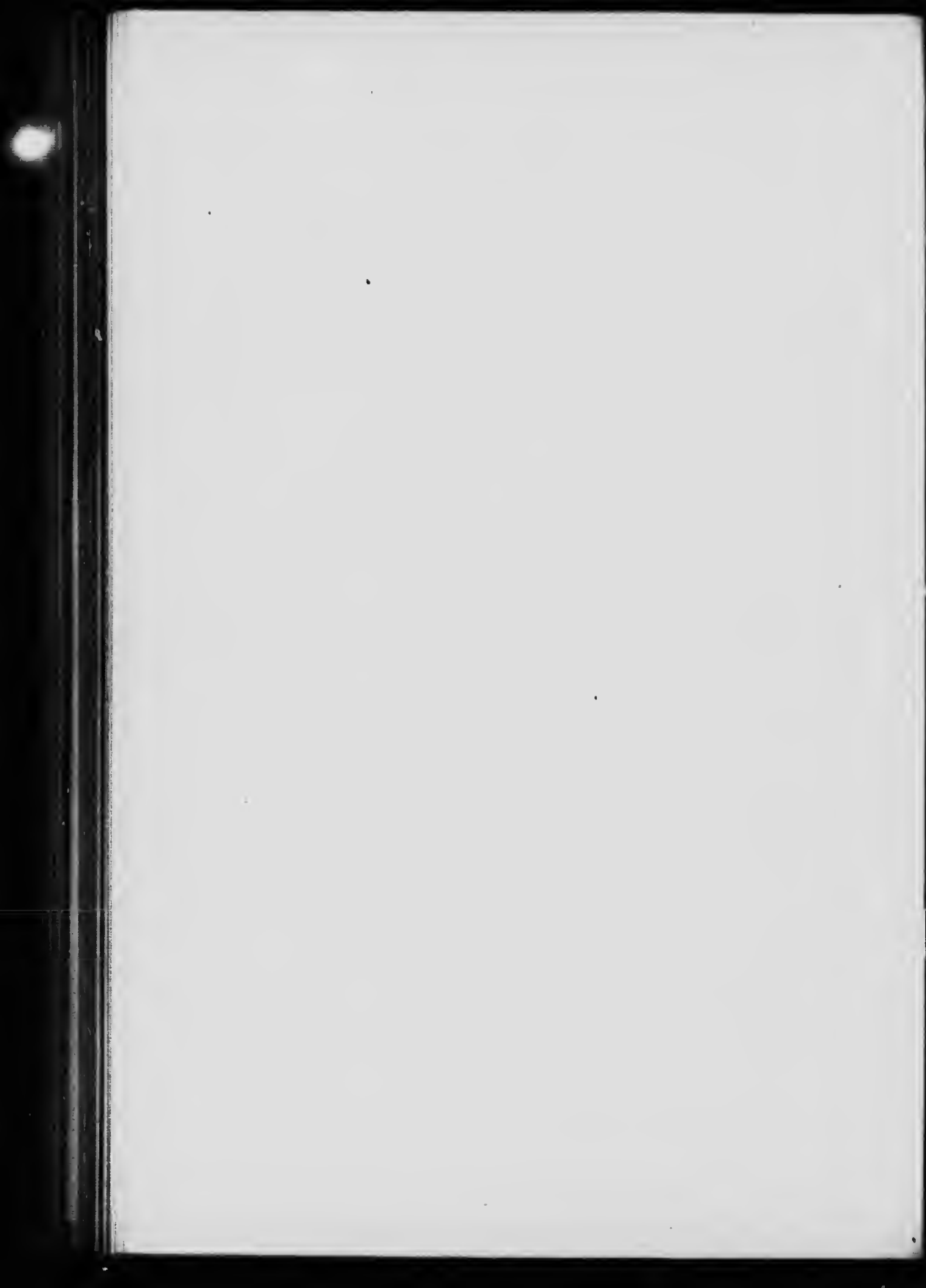
O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 122

HONEY 1906



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA CANADA

BULLETIN NO. 122

HONEY 1906

OTTAWA, July 9, 1906.

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

SIR,— I beg to transmit herewith a tabulated statement of the results of examining 54 samples of honey, which were collected during the months of March and April last. The methods of examination followed were the same as described in Bulletin No. 90, the remarks in which as regards standards and limits are again applicable. There were 54 samples collected in all, and the following summary gives the number obtained in each inspection district, and the opinions arrived at concerning their character.—

Inspection District.	Genuine.	Adulteration Declared.	Adulterated.	Total.
Nova Scotia.....	4	0	0	4
Prince Edward Island.....	2	0	0	2
New Brunswick.....	4	0	0	4
Quebec.....	3	1	1	5
St. Hyacinthe.....	3	0	1	4
Montreal.....	6	0	0	6
Ottawa.....	5	0	0	5
Kingston.....	3	0	1	4
Toronto.....	5	0	0	5
London.....	4	0	1	5
Manitoba.....	1	0	3	4
Calgary.....	1	0	1	2
British Columbia.....	3	0	1	4
	44	1	9	54

It will be seen that 44 out of 54 samples were found to be genuine, a proportion amounting to 81.5, and which is nearly the same as found in the collection of 1903.

I have the honour to be, sir,

Your obedient servant,

THOMAS MACFARLANE,
Chief Analyst.

DESCRIPTION of 54 Samples of Honey analysed

Date of Collection.	Nature of Sample	No. of Sample	Name and Address of Vendor.	Weight	Name and Address of Manufacturer or Furnisher.	Inspector's Report.
<i>District of Nova Scotia—</i> <i>R. J. Waugh, Inspector.</i>						
1906, Mar. 28	Honey	27401	Cornwallis Trading Co., Canning, N. S.	3 jars, 75 c.	E. A. Lewis, Per- eau, N. S.	Labelled pure honey. Put up by E. A. Lewis, Linden Farm.
" 28	"	27402	N. W. Eaton & Co., Canning, N. S.	3 " 75 c.	Chas. Ellis, Canard, N. S.	Labelled pure honey.
" 29	"	27403	T. L. Harvey, Wolfville, N. S.	2 " 50 c.	H. Johnston, Wolf- ville, N. S.	"
" 30	"	27406	Lauder, Hudley & Co., Halifax, N. S.	2 lbs. 35 c.	Unknown. Sup- plied by Fear- man & Co., Ham- ilton, Ont.	"
<i>District of Prince Ed- ward Island—T. Moore, Inspector.</i>						
Mar. 29	Honey	28263	C. D. Rankin, Charlotte- town.	3 lots, 75 c.	Not known	"
" 31	"	28265	J. Ching, Summerside.	3 " 60 c.	Fawcett Honey Co., Ltd., Mem- ramcook, N. B.	"
<i>District of New Brun- swick—J. C. Ferguson, Inspector</i>						
Mar. 29	Honey	24143	National Drug & Chemi- cal Co., Ltd., 29 33 Mill street, St. John, N. B., Branch.	3 " 60 c.	Willard & Co., Toronto, Ont.	Labelled pure white clover honey. The Can- adian Drug Co., Ltd., Wholesale Druggists, St. John, N. B.
" 30	"	24144	W. A. Simonds, 89 Uni- on street, St. John, N.	3 jars, 90 c.	Fawcett Honey Co., Memram- cook, Westmore- land, Co., N. B.	Labelled. War- ranted pure honey.
" 31	"	24148	Vanwart Bros., Grocers, Cor. Dal & Charlott- streets, St. John, N. B.	3 " \$1.00	Wm. W. Cassidy, Clover Hill, N. B.	Labelled. extract- ed honey. War- ranted pure from clover.
April 4	"	24149	W. Fenwick, city mar- ket, wholesale stall, St. John, N. B.	3 " 60 c.	Maple Leaf Apiary Colpitts Bros., Pleasant Vale, Albert Co., N. B.	Labelled 'honey.' Maple Leaf Apiary, Colpitts Bros., Pleasant Vale, Albert Co., N. B.
<i>District of Quebec—C. E. Roy, Inspector.</i>						
Mar. 23	Honey	29076	Hamel & Bedard, Que.	3 jars, 60 c.	Hamel, An- nie Lorette, apiculteur.	"
" 24	"	29078	Baller Bros. & Sons, Que.	3 lbs., \$1.00	Charles Verret, Leschbourg, apiculteur.	"
" 28	"	29080	S. Martel, Que.	3 " 60c	Charles Verret, Leschbourg, apiculteur.	Marked com- pound.

in the Inland Revenue Laboratory, Ottawa, 1906.

Analyst's Name.	Direct Reading of Saccharimeter.	Water Loss on drying at 70° C.	Physical Characters	Reducing sugar by Fehling solution.	Reducing sugar after Inversion.	Cane Sugar.	Test for Dextrose.	No. of Sample	Remarks by the Chief Analyst.
		p. c.		p. c.	p. c.	p. c.			
Miss E. Davidson	9.4	21.80	Coloured light yellow; partly crystallised.					27401	Genuine.
"	8.4	20.40	Yellow; crystallised almost throughout.					27402	"
"	8.7	22.00	Yellow; clear.					27403	"
"	7.5	19.40	Colourless; crystallised throughout.					27406	"
Miss E. Davidson	8.2	21.60	Yellow; clear.					28263	"
"	13.5	19.40	" "					28265	"
A. Lemoine.	15.0	18.65	Light yellow; strained.					24143	"
"	14.8	18.85	Brownish; strained.					24144	"
"	21.0	20.85	Light brown; strained.					24148	"
Miss E. Davidson	15.1	26.40 25.80	Brown; slightly crystallised, smells of buckwheat.					24149	"
A. Lemoine.....	3.0	19.10	Light yellow; strained.					29076	Genuine.
"	+3.0	18.25	Pale yellow; strained.	56.48	80.69	24.21	None...	29078	Adulterated with cane sugar.
"	-5.5	20.75	Pale yellow; partly crystallised.	67.95	74.47	6.52		29080	Adulteration declared.

Description of 54 Samples of Honey analysed

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Firmisher.	Inspector's Report.
<i>District of Quebec—C. E. Roy, Inspector— Concluded.</i>						
Mar. 29	Honey.	25081	O. Boivin, Que.	3 jars, 60c.	N. Rioux et Cie, Que.	
" 30	"	25082	Pouliot et Delage, Que.	3 jars, 45c.	Dr. Ed. Morin et Cie.	
<i>District of St. Hyacinthe —J. C. Rodrigue, Inspector.</i>						
" 26	Hon.	25083	G. Dupuis, St. Jean, Que.	3 glass,	J. Fortin, Napierville, Que.	
" 27	"	25086	Bray Bros., Sherbrooke, Que.	3 jars, 9c.	Not known	
April 4	Canadian Honey.	24087	G. A. Poirer, Que.	3 "	Jos. Lamoureux, Montreal.	Marked and sold Canadian honey and compound, the latter word in small letters.
" 5	Upton's Pure Honey.	24088	Beaudry et Freres, Wooden Station.	3 "	54c Upton.	
<i>District of Montreal—J. J. Costigan, Inspector.</i>						
Mar. 29	Honey.	25083	G. Lafortune, Bonsecour Market, Montreal.	4 lb. tin, 40c.	Not known	No label. Sold as pure.
" 29	"	25084	N. Ethier, Bonsecour Market, Montreal.	5-lb. tin, 50c.	Joseph Bourgela, Montreal.	" "
" 29	" (white)	25085	Gunn & Langlois et Cie, St. Paul st., Montreal, wholesale merchants.	3 lbs., 24c.	Not known.	Sold as pure.
" 29	" (brown)	25086	" " " "	3 " 24c	"	"
" 29	"	25087	Thomas Lamb, 761 Notre Dame, east, Montreal.	3 jars, 30c.	Howe & McIntyre, Montreal.	"
" 29	"	25088	A. E. Savagan, 667 St. Catherine, east, Montreal.	3 lbs., 30c.	Gunn, Langlois et Cie.	From bulk Sold as pure.
<i>District of Ottawa—A. E. Sanderson, Inspector.</i>						
Mar. 27	Honey.	29217	Kavanagh Bros., Sparks st., Ottawa.	3 jars, 60c.	Castle Co., Ltd., Ottawa.	No label; would not say as to purity.
" 28	"	29220	Mathews Co., Ltd., Bank st., Ottawa.	3 " 60c.	Allen & Kendal, Ottawa.	Labelled pure honey.
" 28	"	29213	Wm. McAllister, Albert st., west end, Ottawa.	3 " 30c.	Not known.	Labelled pure honey.
" 30	"	29221	W. G. Thomson, Bank st., Ottawa.	3 bots, 75c.	George Kemp, Navan, Ont.	Labelled from the Apiary of George Kemp, Navan, Ont.
" 30	"	29222	Geo. H. Hopper, Bank st., Ottawa.	211 3 " 45c.	F. J. Castle Co., Ltd., Ottawa.	No label.

in the Inland Revenue Laboratory, Ottawa, 1906. *Continued.*

Analyst's Name	Direct Reading of Sacch.imeter.	Water Loss on drying at 70° C.	Physical Characters	Reducing sugar by Fehling solution.	Reducing sugar after Inversion.	Cane Sugar.	Test for Dextrine.	No. of Sample.	Remarks by the Chief Analyst.
	p.c.	p.c.		p.c.	p.c.	p.c.			
A. Lemoine.	-2.5	19.50	Light yellow; clear.	..	..	..	None..	29081	Genuine.
"	+3.6	20.80	" "	62.90	71.35	8.45	..	29083	"
Miss E. Davidson	-5.0	21.60	Dark brown; crystallised almost throughout.	..	..	..	..	24085	"
"	-14.8	23.00	Colourless; crystallised throughout.	..	..	..	..	24086	"
A. Lemoine ...	+03.8	25.85	Brown coloured; clear.	47.54	55.41	7.87	None..	24087	Adulterated with glucose syrup.
Miss E. Davidson	-13.0	19.30 20.20	Dark brown; rather thick, strong taste.	..	..	..	..	24088	Genuine.
A. Lemoine....	-12.0	23.75	Brown; partly crystallised.	..	..	..	..	25083	"
"	-9.0	18.65	Colourless, crystalline mass.	..	..	..	..	25084	"
"	-13.0	20.15	Light yellow; strained.	..	..	..	..	25085	"
"	-10.0	20.00	Dark yellow; almost wholly crystallised.	..	..	..	..	25083	"
Miss E. Davidson	-11.0	20.20	Yellow; crystallised almost throughout.	..	..	..	..	25087	"
"	-4.0	23.80	Brown; partly crystallised.	..	..	..	..	25083	"
A. Lemoine....	-10.5	19.20	Colourless; clear	..	..	..	..	29217	Genuine.
"	-10.0	18.75	Yellowish; clear	..	..	..	..	29220	"
Miss E. Davidson	-10.2	22.40 22.60	Dark yellow; slightly crystallised.	..	..	..	..	29213	"
"	-7.0	21.80 21.60	Yellow; slightly crystallised.	..	..	..	..	29221	"
"	-6.7	21.20 21.40	Yellow; slightly crystallised.	..	..	..	..	29222	"

DESCRIPTION of 54 Samples of Honey analysed

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher.	Inspector's Report.
<i>District of Kingston—</i> <i>J. Hogan, Inspector.</i>						
Mar. 21	Honey.....	28576	J. Nesbitt, Johnston st., Kingston.	1½ pts., 38c.	Bartels, Morven, Ont.	.....
" 21	"	28578	A. Glover, Earl st., Kingston.	3 lbs., 45c.	Not known..	.....
" 22	"	28580	A. Bridge, Division st., Kingston.	3 pts., 75c.	A. Bridge, Kingston.	.....
" 22	"	28583	J. Redden, Princess st., Kingston.	1½ lbs., 50c.	T. J. Spratt, Wolfe Island.	.....
<i>District of Toronto—W. H. McPhie, Inspector.</i>						
Mar. 23	Honey.....	29106	Batram & Co., King st. west, Hamilton, Ont.	3 pts., 30c.	Bottled by vendor.	Only had two jars.
" 30	"	29114	F. Millman, Dundas st., Woodstock, Ont.	3 " 60c.	J. B. Hall, Woodstock, Ont.	.....
April 2	"	29118	White & Co., Toronto, Ont.	3 " 30c.	Jno. Fee, Front st., Toronto, Ont.	The label has no name on it.
" 2	"	29120	Medland Bros., Yonge st., Toronto, Ont.	3 jars, 45c.	Geo. Laing, Milton, Ont.	.....
" 3	"	29121	J. O. Carpenter, Market st., Hamilton, Ont.	3 " 39c.	Samuel Grimsby..	.....
<i>District of London—T. Kidd, Inspector.</i>						
Mar. 23	Honey(bulk)	22460	A. G. Ault, grocer, Seaforth, Ont.	2 qts., 20c.	William Hartley, Seaforth, Ont.	No producers label.
" 24	"	22464	A. D. Beaton, grocer, Clinton, Ont.	2 " 25c.	Samuel Barr, Clinton, Ont.	"
" 27	"	22465	E. O. Flaherty, grocer, Stratford, Ont.	2 " 25c.	Balford & Co., wholesale, Hamilton, Ont.	"
" 28	"	22468	William Metcalf, grocer, Berlin, Ont.	2 " 20c.	White & Co, wholesale, Toronto, Ont.	"
" 29	"	22473	J. D. Elliott, grocer, Tottenham, Ont.	1 pt., 25c.	George Hollingshead, Tottingham, Ont.	.....
<i>District of Manitoba—</i> <i>W. M. Conklin, Inspector.</i>						
April 4	Honey.....	25741	Campbell Bros. & Wilson, Winnipeg, Man.	2 lbs.,	Vendors.....	Sold as a compound.
" 4	"	25743	The A. Macdonald Co., Winnipeg, Man.	3 " 50c.	The McPherson Fruit Co., Winnipeg, Man.	Marked pure white clover honey extracted.
" 5	"	25744	R. Mackenzie & Co., Winnipeg, Man.	3 " 50c.	Dundas & Flavell Bros. Lindsay, Ont.	Labelled 'extracted honey.'
" 6	"	25748	Bright & Johnston, Winnipeg, Man.	3 " 45c.	Vendors	Put up by vendors.

in the Inland Revenue Laboratory, Ottawa, 1906—Continued.

Analyst's Names.	Direct Reading of Saccharimeter.	Water Loss on drying at 70° C.	Physical Characters.	Reducing Sugar by Fehling solution.	Reducing Sugar after Inversion.	Cane Sugar.	Test for Dextrine.	No. of Sample.	Remarks by the Chief Analyst.
		p.c.		p.c.	p.c.	p.c.			
A. Lemoine.	-13.0	20.85	White crystal-line mass.					28576	Genuine.
"	-8.0	21.45	Light yellow; comb separated					28578	"
"	-11.5	22.50	Light yellow; partly crystallised.					28580	"
"	+4.5	19.5	Light brown with some honey comb.	52.0	79.52	27.53	None.	28583	Adulterated with cane sugar.
A. Lemoine.	-14.5	22.60	Yellow; partly crystallised.					29106	Genuine.
"	-13.5	21.75	Yellow; clear.					29114	"
"	-14.0	21.85	White; partly crystallised.					29118	"
"	-14.5	20.50	White; opaque.					29120	"
"	-16.0	20.15	Yellow; mostly crystals.					29121	"
A. Lemoine.	-14.3	22.00	Whitish; mostly crystals.					22460	Genuine.
"	-15.0	23.75	Light yellow; partly crystallised.					22461	"
"	-16.0	27.75	Whitish; partly crystallised.					22465	"
"	-13.0	25.85	" "					22468	"
Miss E. David. 891.	+4.5	23.00	Light yellow; partly crystallised.	66.11 66.20	91.38 90.40	24.01 22.99	None...	22473	Adulterated with cane sugar.
"	+26.5	18.20 18.40	Yellow, thick and clear.	48.50 48.61	89.84 91.20	39.27 40.46	None...	25741	Not labelled 'compound,' therefore adulterated.
"	+9.1	25.80 26.00	Yellow and clear.	58.42 58.24	87.48 87.28	27.60 27.59	None...	25743	" "
"	-18.5	20.20	Light yellow; crystallized almost throughout.	69.51 69.60	89.84 90.02	19.31 19.40	Trace.	25744	Adulterated with cane sugar.
"	-0.5	20.80 20.60	Yellow; rather thick.					25748	Genuine.

DESCRIPTION of 54 Samples of Honey analysed

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher.	Inspector's Report.
1906.			<i>District of Calgary—W. Fletcher, Inspector.</i>			
Mar. 30	Pure Honey.	28627	J. C. Winn, retail, Calgary.	3 bots., 75c.	Campbell Bros. & Wilson, Winnipeg, Man.	Labelled 'royal shield honey and sugar syrup,' but not marked 'compound.'
" 30	Honey.....	28631	Codville, Smith Co., wholesale, Calgary.	3 " 50c.	T. H. Richardson, Oakwood, Ont.	.....
			<i>District of British Columbia—E. B. Parkinson, Inspector.</i>			
Mar. 31	Honey.....	28659	S. T. Wallace, Vancouver, B.C.	3 jars, 75c.	E. S. Browne, Ladner, B.C.	Pure extracted honey.
" 31	"	28661	The Direct Supply Co., Vancouver, B.C.	3 " 75c.	John Stade, Chilliwack, B.C.	Warranted pure extracted honey.
" 31	"	28664	Kelly, Douglas & Co., Vancouver, B.C.	3 " 60c.	H. L. Johnston, Chilliwack, B.C.	" " ..
April 2	"	28666	A. Macdonald & Co., Vancouver, B.C.	1/2 gall., 65c.	Ramsay Bros. & Co., Vancouver, B.C.	White clover extracted honey.

in the Inland Revenue Laboratory, Ottawa, 1906—*Concluded.*

Analyst's Names.	Direct Reading of Saccharimeter.	Water Loss on drying at 70° C.	Physical Characters.	Reducing sugar by Fehling solution.	Reducing sugar after Inversion.	Cane Sugar.	Test of Dextrine.	No. of Sample.	Remarks by the Chief Analyst.
	°	p.c.		p.c.	p.c.	p.c.			
Miss E. Davidson.	+26.0	18.20	Yellow; clear; very thick.	49.48 49.76	92.56 92.72	40.92 40.81	None...	28627	Adulterated with cane sugar.
"	-16.6	21.20	White; crystallised throughout.					28631	Genuine.
"	-8.2	17.40 17.20	Pale yellow; thick; slightly crystallised.					28659	Genuine.
"	-12.5	21.60 21.80	Dark brown; not very clear.					28661	"
A. Lemoine.	-11.0	19.35	Light yellow; partly crystallised.					28664	"
"	+34.0	15.25	Brownish; clear.	63.48	71.74	8.26	Present.	28666	Adulterated with glucose syrup.

