

O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 127

ROLLED OATS AND OATMEAL

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OTTAWA, October 6, 1906.

W. J. GERALD, Esq.,

Deputy Minister of Inland Revenue.

SIR,—In the month of April last representations were made to this branch to the effect that flaked and rolled oats were being manufactured and sold in Ontario of very inferior quality. The samples submitted contained an excessive proportion of the exterior tissues of the grain besides foreign substances. I then recommended that an inspection be made of oatmeal and similar products as soon as the work of the Laboratory would permit. Subsequently, and as authorized by you, a collection was made of such samples, the origin of which and the results of their examination are given in the table which accompanies this report. In this table the microscopical examination and percentage of crude fibre are stated, these determinations being all that were necessary for the purpose in view. Only in one case, No. 27655, was any foreign starch detected, and as regards crude fibre the percentage varied from 0.80 to 3.35 per cent. The latter amount must be pronounced as excessive, if reference is made to the analyses of both European and American oatmeals which are on record. It is exceedingly seldom that these show higher than 2 per cent crude fibre, and in my opinion, that amount might fairly be assumed as the highest allowable limit. Among the 155 samples examined, 64 show higher amounts of crude fibre than 2 per cent, and this would seem to indicate that with regard to 41.3 per cent of the oatmeal samples now offered for sale in the Dominion the quality might be improved. At the same time none of the samples were found to contain the large amount of oat hulls originally complained of, and in the absence of any standard, it is impossible to characterize any of the samples as adulterated.

Besides making the determinations of the table some of the samples were analysed in order to obtain a general idea of their composition. The results are given in the following statement and include the alcohol and water extractives which were determined in order to an approximative estimation of the starch by difference. In obtaining the results of both tables the following assistant analysts were more or less engaged:—Misses S. E. Wright and E. Davidson, Messrs. A. Lemoine and A. Valin.

ANALYSES OF SOME OF THE SAMPLES MENTIONED IN THE TABLE ACCOMPANYING THIS REPORT.

No. of Sample.	Name.	Total Proteids N. 6-25.	Moisture.	Fat or Petroleum Ether Extract.	92 p. c. Alcohol Extract.	Water Extract.	Crude Fibre.	Total Ash.	Starch by Difference
27137	Rolled Oats.....	11.56	8.68	3.76	3.80	2.20	1.60	1.70	66.70
27159	".....	12.06	9.40	4.20	3.76	1.68	1.80	1.98	65.12
27162	".....	11.87	8.72	5.40	3.64	1.44	2.10	1.56	65.27
27164	".....	11.56	9.65	5.07	3.16	2.72	2.20	1.58	64.06
27176	".....	11.37	8.36	4.76	4.28	1.52	1.65	1.60	66.46
28305	Oatmeal.....	11.18	9.03	3.89	4.28	2.32	3.35	0.96	63.85
28307	".....	10.93	9.08	3.76	4.44	2.28	2.29	1.74	65.57
28317	".....	12.87	9.20	3.40	4.60	1.52	2.60	1.74	64.67
24221	Quaker Oats.....	11.87	9.56	5.72	3.36	2.68	2.30	1.74	62.77
24224	Rob Roy Scotch Oat- meal.....	12.00	9.00	3.00	4.84	1.88	1.70	1.08	66.50
24242	Flaked Oatmeal.....	11.87	9.76	5.16	3.28	2.60	2.00	1.54	64.39
24245	".....	12.00	10.08	5.32	2.32	2.20	3.15	1.64	63.29
24254	Rolled Oats.....	12.62	9.12	4.60	3.60	2.48	1.55	1.84	64.79
24255	".....	12.50	7.28	5.48	2.92	3.04	1.75	1.20	65.83
24260	Flaked Oats.....	12.00	8.68	4.52	3.28	2.44	2.15	1.46	65.47
24263	".....	12.81	8.80	5.64	2.29	2.28	1.80	0.92	65.46
24264	Rolled Oats.....	13.93	8.20	5.44	3.56	2.92	2.40	0.35	63.20
706	Oatmeal.....	12.69	7.68	5.28	4.28	3.88	0.80	1.10	64.29
707	".....	13.37	8.12	5.56	3.64	3.44	0.80	0.70	64.37
27657	Rolled Oats.....	13.94	9.88	3.72	3.48	1.68	2.10	1.64	64.16
29317	Oatmeal.....	11.82	7.60	5.08	4.48	2.76	2.35	1.15	64.76
29322	Rolled Oats.....	12.63	8.24	5.32	4.12	3.60	1.90	1.55	64.14
29457	".....	13.75	9.48	4.90	4.84	0.52	1.35	1.52	64.54
27637	Oatmeal.....	12.94	8.28	2.52	5.04	1.60	1.60	1.84	66.18
30125	Jersey Oats.....	11.02	8.80	4.72	2.56	2.24	1.50	1.86	67.30
28678	Quaker Oats.....	11.94	7.56	5.64	3.76	3.00	0.25	0.45	67.40
28679	Rolled Oats.....	12.93	7.56	5.80	4.04	2.92	0.20	0.90	65.65

These analyses give the following averages as regards the most valuable nutrients in oatmeal:—

Proteids 12.30 p.c.
Fat..... 4.67 "

The averages given in König's large work (*Chemische Zusammensetzung der Menschlichen Nahrungs- und Genussmittel*, 1903; I, 632) for the same constituents in oatmeal are as follows:—

Proteids..... 13.87 p.c.
Fat..... 6.18 "

I have the honour to be, sir,

Your obedient servant,

THOMAS MACFARLANE,
Chief Analyst.

RESULTS OF EXAMINING 155 SAMPLES ROLLED OATS AND OATMEAL.

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

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.	Microscopical Examination.	Crude Fibre.
1906.								p. c.
June 19	Rolled Oats.....	27137	J. F. Crowe & Co., Halifax.	1 lb. 4c.	P. McIntosh & Co., Toronto.	Sold as Crown brand.....	Oat starch and tissues.	1.60
" 20	"	27148	W. E. Crowe & Co., Halifax.	3/4 " 3c.	J. Valon, Fergus, Ont.....	Sold as Monkland brand.	" "	2.25
" 20	"	27153	A. L. Doyle & Co., Halifax.	3/4 " 4c.	Unknown.....	"	" "	2.00
" 25	"	27159	Ryan Bros., Truro, N.S.	3/4 " 5c.	Tilson Co., Tillsonburg, Ont	Taken from bulk.....	" "	1.80
" 25	"	27161	Angus & Pollock, Truro.	3/4 " 3c.	" "	" "	" "	1.55
" 25	"	27162	A. F. Ross & Co., Truro.	3/4 " 3c.	" "	" "	" "	2.10
" 25	"	27164	W. P. Carter, Truro.....	3/4 " 3c.	American Cereal Co., Peterboro', Ont.	Sold as Victor brand; taken from bulk.	" "	2.20
" 25	"	27166	E. E. O'Brien, Truro.....	3/4 " 3c.	Tilson Co., Tillsonburg, Ont	Sold as Aberdeen brand; taken from bulk.	" "	2.15
" 25	"	27169	H. W. Ryan, Truro.....	3/4 " 3c.	American Cereal Co., Peterboro', Ont.	Sold as Victor brand; taken from bulk.	" "	2.55
" 26	"	27170	J. E. Walker, Dartmouth	3/4 " 5c.	Unknown.....	Vendor purchased from J. F. Crowe, Halifax.	" "	2.00
" 26	"	27171	B. O. Bishop, Dartmouth	1 pkg. 10c.	American Cereal Co., Peterboro', Ont.	Sold as pure Quaker rolled white oats.	" "	2.10
" 26	"	27172	C. McNab, Dartmouth.	1 " 25c.	P. McIntosh, Toronto.....	Beaver brand Canadian rolled oats.	" "	1.90
" 26	"	27173	G.A. Orman, Dartmouth.	3/4 lb. 5c.	American Cereal Co., Peterboro', Ont.	Sold as Saxon rolled oats.....	" "	2.60
" 26	"	27174	E.M. Walker, Dartmouth	3/4 lb. 3c.	American Cereal Co., Peterboro', Ont.	Victor brand.....	" "	1.45
" 26	"	27175	S. Mott, Dartmouth.....	3/4 " 3c.	Unknown.....	Purchased from J. F. Crowe, Halifax.	" "	1.65
" 26	"	27176	Moseley & Co., Dartmouth.	3/4 " 4c.	Ogilvie Milling Co., Montreal.	Put up in sacks.....	" "	1.65

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

1917-2

June 18	Rolled Oats	28302	Jenkins & Son, Charlottetown.	1½ lb.	6c.	Tilson & Co., Tillsonburg, Ont.		Oat starch and tissues.	2 60
" 18	"	28304	Geo. Rackham, Charlottetown.	1½ "	6c.	Woodstock Cereal Co., Woodstock, Ont.		" "	1 75
" 18	Oatmeal	28305	Geo. Rackham, Charlottetown.	1½ "	6c.	John Andrews, Charlottetown, Royalty.		" "	3 35
" 19	"	28307	Brace & McKay, Summerside.	1½ "	5c.	Charles Ives, Bedeque, P. E. I.		" "	2 20
" 19	Rolled Oats	28312	Sinclair & Stewart, Summerside.	1½ "	5.	Archibald XXXX Rolled Oats, Beachville, Ont.		" "	1 40
" 19	Oatmeal	28313	Sinclair & Stewart, Summerside.	1½ "	5.	H. Mallett, North Granville, P. E. I.		" "	2 40
" 20	Rolled Oats	28316	T. White, Charlottetown.	1½ "	6.	Carvell Bros, Charlottetown		" "	2 90
" 20	Oatmeal	28317	" "	1½ "	6.	Warren's Mills, North River, P. E. I.		" "	2 00

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

June 19	Rolled Oats	24215	Bowman & Cole, 28-30 Water St., St. John.	3 pkgs.,	75c.	The Tilson Co. Ltd., Tillsonburg, Ont.	Labelled 'Tilson's Premium Rolled Oats.'	Oat starch and tissues.	1 25
" 21	"	24218	Hall & Fairweather, 79 Ward St., St. John.	3 "	75c.	The American Cereal Co., Peterboro', Ont.	On label: 'Saxon Rolled Oats.'	" "	3 00
" 25	Quaker Oats.	24221	A. E. Trentowsky, 51-53 Coburg St., St. John.	3 "	30c.	" "	Labelled on back two pounds 'Pure Quaker Oats.'	" "	2 30
" 27	Oatmeal, Rob Roy, Scotch.	24224	The Two Barkers, Ltd., 100 Princess St., St. John, N.B.	3 "	45c.	David Grierson & Co., Glasgow, Scotland, and Toronto, Ont.	Labelled 'Old fashioned stone ground, Rob Roy, the Chief-O-Scotias food; guaranteed. Registered Scotch Oatmeal.	" "	1 70
" 28	Flaked Oatmeal	24227	McPherson Bros., 181 Union St., St. John.	3 lbs.	12c.	G. Bent & Son, wholesale, South Wharf, St. John, N.B.	Brand, 'Blue Bell.' From bulk; quality guaranteed.	" "	1 75
July 9	Rolled Oats	24233	M. & H. Gallagher & Co., 34 Charlotte St., St. John, N.B.	3 pkgs.,	75c.	P. McIntosh & Son, Toronto.	Labelled 'Beaver Canadian rolled oats; oven baked,	" "	1 25
" 12	Oatmeal	24241	Steeves & Allanach, Main St., Moncton.	5 lbs.,	25c.	The American Cereal Co., Peterboro', Ont.	On head of barrel, 'Victor rolled oats; Staghead; oatmeal. Made in Canada,	" "	2 50
" 13	Flaked Oatmeal	24242	George Stables, Public Square, Newcastle.	3 "	15c.	The Tilson Co., Ltd., Tillsonburg, Ont.	Labelled 'Aberdeen brand.'	" "	2 00
" 14	"	24245	E. A. Strang, Cunard St., Chatham, N.B.	3 "	15c.	Archibald, Beachville, Ont.	On package: 'Sampled Archibald's Peerless.'	" "	3 15
" 16	"	24248	S. Williamson, St. George St., Bathurst.	3 "	15c.	Walter Thompson & Son, London, Ont.	On package: 'Maple leaf trade mark.'	" "	1 70

RESULTS OF EXAMINING 155 SAMPLES ROLLED OATS AND OATMEAL—Continued.

DISTRICT OF NEW BRUNSWICK—Concluded.

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.	Microscopical Examination.	Crude F bre.
1906.								p. c.
July 23	Rolled Oats.....	24254	Estate of G. T. Whelpley, 580 Queen St. Fredericton.	3 lbs., 10c.	The Flavelle Milling Co., Ltd., Lindsay, Ont.	On package: 'Choice rolled oats; Thistle brand.'	Oat starch and tissues.	1.55
" 23	Oatmeal.....	24256	C. H. Burt, 332 Queen St., Fredericton.	3 " 15c.	Woodstock Cereal Co., Ltd., Woodstock, Ont.	On barrel: 'Coronet, 180 lbs., choice rolled oats,	" " "	1.40
" 24	Rolled Oats.....	24259	J. W. Dalling, 15-17 King St., Woodstock.	3 " 15c.	Ogilvie, Montreal, Que.	Ogilvie's royal oats.....	" " "	1.75
" 24	Flaked Oats.....	24260	C. R. Snow, 4 Main St., Woodstock.	3 " 15c.	Flavelle Milling Co., Lindsay, Ont.	Choice flaked oats: 'Diadem.'	" " "	2.15
" 25	".....	24263	James E. Porter & Son, Main St., Andover.	3 " 15c.	Geo. E. Barbour & Co. Ltd., St. John, N. B.	Labelled finest quality, G. E. B., 'Climax.'	" " "	1.30
" 25	Rolled Oats.....	24264	D. R. Bedell, Main St., Andover.	3 " 15c.	The American Cereal Co., Peterboro', Ont.	'Victor brand'.....	" " "	2.40

DISTRICT OF QUEBEC—C. E. ROY, INSPECTOR.

June 21	Oatmeal.....	668	Elz. Fortier et fils, Ste. Anne de Beaupré.	1 lb., 6c.	C. A. Paradis, Que.		Oat starch and tissues.	2.30
" 21	".....	669	Simon Ratte, Ste. Anne de Beaupré.	1 " 4c.	Langlois & Paradis, Que.		" " "	1.80
" 21	".....	671	Louis Côte, Ste. Anne de Beaupré.	1 box, 10c.	T. Davidson & Co., Que.		" " "	1.65
" 27	".....	672	Chas. Clouette, Beauport.	1 pkg., 10c.	Drouin et frère, Que.		" " "	3.00
" 28	".....	674	Theo. Lacouline, Chateau Richer.	1 lb., 5c.	J. B. Renaud & Co., Que.		" " "	2.10
" 28	".....	676	Ed. Rheanne, Chateau Richer.	1 " 5c.	Unknown.....		" " "	1.60
July 2	".....	682	Ber. Bourassa, St. Raymond.	1 " 4c.	N. Turcotte et Cie, Que.		" " "	1.90
" 5	".....	685	Jos. Lambert, St. Joseph, Beauce.	2 " 15c.	Turcotte et frère, Que.		" " "	2.10

"	5 Quaker Oats.....	686 A. Fortier et Cie, Beauceville.	1 pkg., 15c.	A. Carrier et fils, Lévis, Que.		"	2 75
"	5 Oatmeal	688 G. H. Lachance, Beauceville, West.	1 lb., 4c	J. B. Renaud et Cie, Que.		"	1 60
"	11 "	689 Jos. Julian, Pont Rouge.	1 " 4c	Unknown		"	1 75
"	19 "	706 Chas. Aulet, St. Anselme.	1 " 4c	Ogilvie, Montreal		"	0 80
"	19 "	707 J. M. Ouellet, St. Anselme.	1 " 4c	Unknown.....		"	0 80

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

June	21 Oatmeal.....	427 F. X. Giroux, Farnhamville.	1 lbs., 4c	J. A. Mathewson & Co., Montreal.	Taken out of a flour barrel. ...	Oat starch and tissues.	2 05
"	18 Rolled Oats	438 T. A. Bourgault, Drummondville.	1 " 4c	Demers, Fletcher & Co., Montreal.	Taken out of a bin under shelves.	"	1 60
"	18 'Banner' Rolled Oats.	439 N. H. Dubois, Actonville.	1 box, 25c	The American Cereal Co., Peterboro', Ont.	On one side of the package stamped No. 2.	"	2 10
"	19 Oatmeal.....	440 J. D. Lacerte, Plessisville.	1 lb., 4c	Carter, Galbraith & Co., Montreal.	Taken from a drawer under the counter.	"	1 50
"	21 'Victor' Rolled Oats..	441 Gendron, Denault & Co., Sherbrooke.	1 " "	The American Cereal Co., Peterboro', Ont.	Taken out of a 100 lb. bag and guaranteed pure by makers.	"	2 50
"	22 Quaker Oats.....	442 L. Moreau, St. Jean.	1 pkg., 15c	" " "	" " "	"	1 30
"	22 'Norika' Cooked Oats.	443 R. Goold, St. Jean.	1 " 15c	The Norika Food Co., Battle Creek, Michigan.	" " "	"	1 75
"	22 'Beaver' Rolled Oats..	444 F. J. Bourassa et Cie., St. Jean.	1 " 25c	P. McIntosh & Son, Toronto.	" " "	"	2 00
"	27 Oatmeal.....	445 H. Bisailon, St. Lambert.	1 1/2 " 6c	Hudon, Hebert et Cie., Montreal.	Taken from a drawer under shelves.	"	2 00
"	27 "	446 P. Finch, St. Lambert.	1 1/2 " 6c	Brodie & Harvie, Montreal.	Taken out of a 24 lb. bag. Stamped on pkg. "29 P 64"	"	1 85
"	27 Quaker Oats.....	447 J. G. Berthiaume, Longueuil.	1 " 10c	The American Cereal Co., Peterboro', Ont.	" " "	"	2 50
"	27 Rolled Oats	448 M. Vigez, Longueuil.	1 lb., 4c	Portage la Prairie Flour Mills Co., Marnitoba.	" " "	"	1 70
"	29 Banner Rolled Oats ..	449 Sorel Meal Market, Sorel.	1 pkg., 25c	The American Cereal Co., Peterboro', Ont.	Stamped No. 1 on package.	"	2 00
"	29 Steam Cooked Oatmeal	450 Alf. Francoeur et Cie., Sorel.	1 " 15c	The Hornbury's Oatmeal Co., New York.	Manfg. and guaranteed by the Clover Mills, Buffalo, N.Y.	"	1 35
"	29 Buffalo Rolled Oats.	451 J. O. Fagnan et Cie., Sorel.	1 lb., 4c	The Doved Cereal & Milling Co., Pilot Mound, Man.	Taken from a drawer under shelves.	"	2 95
"	30 Rolled Oats	452 Paquette et Frères, Berthierville.	1 " 5c	F. O. Lamarche, Berthierville, Que.	" " "	"	2 75
"	30 Quaker Oats.....	454 J. A. Laporte, Berthierville.	1 pkg., 10c	The American Cereal Co., Peterboro'.	" " "	"	1 45

RESULTS OF EXAMINING 155 SAMPLES ROLLED OATS AND OATMEAL—Continued.

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

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.	Microscopical Examination.	Crude Fibre.
1906								p.c.
June 22	Rolled Oats	27649	M. De Repentigny, 129 Wellington St., Montreal.	2 lbs., 8c	Ogilvie Milling Co.		Oat starch and tissues.	1.95
" 22	" "	27650	E. Tessier, 194 William St., Montreal.	2 " 7c	Not known.		" "	2.60
" 22	Oatmeal	27651	" "	2 " 7c	"		" "	1.85
" 22	" "	27652	Bertrand & Laplaine, De Lormier.	2 " 10c	"		" "	2.40
" 22	Rolled Oats	27653	" "	2 " 7c	"		" "	1.95
" 22	" "	27654	E. Ruby, De Lormier.	2 " 7c	"	Victor brand.	" "	1.45
" 22	Oatmeal	27655	" "	2 " 7c	"		Oat and wheat starch.	2.20
" 25	Rolled Oats	27656	W. De Montigny, 464 Centre St., Montreal.	2 " 7c	"		Oat starch and tissues.	2.25
" 25	" "	27657	L. P. Lavoie, 3189 Notre Dame, Montreal.	2 " 7c	Brodie & Harvie, Montreal		" "	2.10
July 5	Oatmeal	27658	Adam Lamy, 3555 Notre Dame, Montreal.	2 " 7c	Not known	Sold from bulk	" "	2.50
" 5	Flaked Oats	27659	" "	2 " 8c	"		" "	1.70
" 5	Rolled Oats	27660	O. Decarie et fils, 3435 Notre Dame, Montreal.	2 " 6c	"	Victor brand.	" "	2.15
" 5	" "	27661	L. Charboneau, 144 St. John, Montreal.	2 " 7c	Brodie & Harvie, Montreal.		" "	1.50
" 5	Oatmeal	27662	" "	2 " 7c	Laporte, Martin & Co., Montreal.		" "	1.85
" 5	Rolled Oats	27663	R. Jacobson, 142 St. Dominique, Montreal.	2 " 8c	" "		" "	1.40
" 5	Oatmeal	27664	" "	2 " 7c	Not known	Sold from bulk	" "	2.70

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DISTRICT OF OTTAWA—A. E. SANDERSON, INSPECTOR.

July 18	Rolled Oats	29314	T. Martin, 169 Rideau, Ottawa.	1½ lbs., 5c.	Dowd Milling Co., Quyon, Que.	Oat starch and tis- sues.	2 90
" 18	"	29315	" " "	1½ " 5c.	American Cereal Co., Peter- boro', Ont.	"	1 90
" 18	"	29316	A. Blyth, 69 William, Ot- tawa.	1½ " 5c.	Ottawa Milling Co., Ottawa	"	2 20
" 18	Oatmeal	29317	" " "	1½ " 5c.	" " "	"	2 35
" 19	Rolled Oats	29322	Crowe & Co., 236 Bank, Ottawa.	1½ " 5c.	" " "	Victoria brand.	1 00
" 19	Oatmeal	29323	" " "	2 " 7c.	Unknown	Glenora brand.	1 85
" 19	Rolled Oats	29324	J. S. Martin, 310 Bank, Ottawa.	2 " 10c.	American Cereal Co., Peter- boro', Ont.	"	2 25
" 19	Oatmeal (coarse)	29325	" " "	2 " 10c.	Dowd Milling Co.	"	2 40
" 19	" (fine)	29326	" " "	2 " 10c.	"	"	2 80
" 19	" (medium)	29327	" " "	2 " 10c.	"	"	1 75
" 19	"	29328	Millar & Co., 427 Bank, Ottawa.	2 " 10c.	Ottawa Milling Co., Ottawa	Standard brand	2 10
" 19	Rolled Oats	29329	" " "	2 " 10c.	" " "	'K. Y.' brand	2 80
" 19	Oatmeal	29345	Allan & Co., Wellington, Ottawa.	2 " 6c.	McIntosh, Toronto	"	2 30
" 19	Rolled Oats	29346	" " "	2 " 6c.	W. H. Dwyer, Ottawa	"	1 90
" 20	"	29352	Mayberry & Co., Pres- cott, Ont.	2 " 8c.	McIntosh, Toronto	"	1 85
" 20	Oatmeal	29353	" " "	2 " 8c.	"	"	2 00

DISTRICT OF KINGSTON—J. HOGAN, INSPECTOR.

June 18	Flaked Oats	29448	J. H. P. Young, Front St., Belleville, Ont.	.. lbs., 45c.	Peterboro' Cereal Co	Oat starch and tis- sues.	2 35
" 18	Rolled Oats	29451	J. P. McKeeny, Port Hope, Ont.	5 " 15c.	A. R. Roos, Embro, Ont.	"	1 50
" 19	"	29457	D. Adams, Kent St., Lindsay, Ont.	6 " 15c.	Flavelle Milling Co., Lind- say, Ont.	"	1 35
" 19	Oatmeal	29458	" " "	6 " 15c.	" " "	"	1 50
" 19	"	29462	J. Brown, Lindsay, Ont.	6 " 15c.	" " "	"	1 75
" 19	Rolled Oats	29467	J. Sutherland, George St., Peterboro', Ont.	6 " 20c.	American Cereal Co., Peter- boro', Ont.	"	1 2c.
" 19	Oatmeal	29470	Mason Co., Peterboro, Ont	6 " 10c.	Not known	"	2 40
" 19	Rolled Oats	29471	" " "	3 " 10c.	American Cereal Co., Peter- boro', Ont.	"	1 05
" 19	Oatmeal	29474	W. H. Hamilton, Peter- boro, Ont.	3 " 15c.	Not known	"	1 25
" 19	Rolled Oats	29475	" " "	3 " 15c.	"	"	1 50
" 19	Oatmeal	29476	J. Hill, Peterboro', Ont.	3 " 10c.	"	"	1 80
" 19	Rolled Oats	29461	J. Brown, Lindsay, Ont.	6 " 15c.	Flavelle Milling Co., Lind- say, Ont.	"	1 15

RESULTS OF EXAMINING 155 SAMPLES ROLLED OATS AND OATMEAL—Continued.

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

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.	Microscopical Examination.	Crude Fibre.
1906.								p.c.
June 19	Flaked Oats.....	27633	H. Tolchard, 518 Yonge St., Toronto	1 bag, 13c.	P. McIntosh & Son, Toronto		Oat starch and tissues.	1.50
" 19	Pan Dried Oats. ...	27634	F. Patience, 419 Yonge St., Toronto.	1 pkg., 10c.	Tilson Co., Ltd., Tilsonburg, Ont.		" " ..	2.10
" 19	Oatmeal.....	27635	J. Blood, Yonge Street, Toronto.	2 lbs., 8c.	P. McIntosh & Son, Toronto		" " ..	1.35
" 20	Flaked Oats.....	27636	James Miller, 336 Queen St., east, Toronto.	2 " 7c.	Lawson Milling Co., Toronto		" " ..	1.35
" 20	Oatmeal.....	27637	" " " " "	2 " 7c.	" " " " "		" " ..	1.60
" 20	Rolled Oats.....	27638	" " " " "	1 pkg., 25c.	Tilson Co., Ltd., Tilsonburg, Ont.	Premium brand. Prize in each package.	" " ..	2.50
" 20	Flaked Oats.....	27639	Dallanen Bros., Queen St., east, Toronto.	2 lbs., 8c.	Not known.		" " ..	2.00
" 20	Oatmeal.....	27640	" " " " "	2 " 7c.	" " " " "		" " ..	2.40
" 20	Rolled Oats.....	27641	H.C. Hall, 252 Queen St., east, Toronto.	2 " 8c.	Parkinson Cereal Co.		" " ..	1.50
" 20	" "	27643	A. W. Etwell, 161 McCaul St., Toronto.	2 " 8c.	Ogilvie Milling Co.		" " ..	2.85
" 20	Flaked Oats.....	27644	H. M. McCulloch, 151 McCaul St., Toronto.	1 bag, 10c.	Fairles Milling Co.		" " ..	1.50
" 20	Rolled Oats.....	27645	" " " " "	2½ lbs., 10c.	Not known	Victor brand.	" " ..	2.20
" 20	Oatmeal.....	27646	" " " " "	2½ " 10c.	" " " " "		" " ..	2.50
" 20	" "	27647	T. Eaton Co., Ltd., Yonge St., Toronto.	2 " 6c.	" " " " "	White Swan brand (coarse)...	" " ..	1.75
" 20	" "	27648	" " " " "	2 " 6c.	Robert Gray Co., miflers.		" " ..	1.45

DISTRICT OF LONDON—T. KIDD, INSPECTOR.

June	25	Rolled Quaker Oats.	30099	Charles A. Nairan, Goderich, Ont.	1 pkg., 10c.	American Cereal Co., Peterboro', Ont.		Oat starch and tissues.	1'50
"	28	Rolled Oats	30109	R. G. Smith, St. Mary's, Ont.	1½ lbs., 5c.	Tilson Co., Tillsonburg, Ont.		" " "	1'30
"	30	Quaker Oats.	30120	Seandrett Bros., London, Ont.	1 pkg., 10c.	American Cereal Co., Peterboro', Ont.		" " "	1'80
"	30	Corn Flakes	30121	" " "	1 " 10c.	Sauitas Nut Food Co., Ltd., Battle Creek, Mich.	Called toasted corn flakes.	Mostly oat starch and tissues.	2'10
July	5	Pan Dried Oats	30122	Stuebling & Co., Berlin, Ont.	2 " 10c.	Tilson Co., Tillsonburg, Ont.		Oat starch and tissues.	1'85
"	5	Egg-O-See.	30123	Dunke & Co., Berlin, Ont.	2 " 10c.	Randal & Rose, Wholesale grocers, Berlin, Ont.		Mostly oat starch and tissues.	1'40
"	5	Norka.	30124	" " "	2 " 15c.	Ebby, Blair & Co., Wholesale grocers, Toronto.	Made in Battle Creek, Mich.	" " "	2'30
"	5	Jersey Oats	30125	Deans & Walker, Galt, Ont.	1 " 15c.	McIntosh & Son, Toronto.	Called Crown Brand Jersey Oats.	Oat starch and tissues.	1'50
"	6	Rolled Oats	30127	Beck & Schell, Berlin, Ont.	1 lb., 5c.	" " "		" " "	1'50
June	25	Orange Meat	30104	Thomas Daily, Seaforth, Ont.	1 pkg., 15c.	Frontenac Cereal Co., Kingston.	Called Orange Meat.	" " "	2'25

DISTRICT OF CALGARY—W. FLETCHER, INSPECTOR.

July	24	Rolled Oats	28664	Hudson Bay Co., retail, Calgary.	3 pkgs., 60c.	The American Cereal Co., Peterboro', Ont.		Oat starch and tissues.	2'40
"	24	"	28667	G. F. & J. Galt, wholesale, Calgary.	1 " 25c.	Tilson's, Tillsonburg, Ont.		" " "	2'10
"	24	"	28670	Codville, Smith Co., Calgary.	1 " 5c.	Brackman Keer, Strathcona, Alberta.		" " "	1'60
"	24	"	28673	Campbell, Wilson & Horn, Calgary.	1 pkg., 25c.	American Cereal Co., Peterboro', Ont.		" " "	2'05
"	26	Quaker Oats	28675	Hudson Bay Co., Edmonton.	3 " 55c.	" " "		" " "	1'50
"	26	"	28678	Revillon Bros., Edmonton.	3 " 60c.	" " "		" " "	0'25
"	26	Rolled Oats	28679	McDougall & Secord, Edmonton.	2 lbs. 10c.	Brackman Keer, Strathcona, Alberta.		" " "	0'20
"	27	Oatmeal	28685	J. H. Morris, Edmonton.	3 " 35c.	" " "		" " "	1'25

RESULTS OF EXAMINING 155 SAMPLES ROLLED OATS AND OATMEAL.—*Concluded.*

DISTRICT OF BRITISH COLUMBIA—E. B. PARKINSON, INSPECTOR.

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.	Microscopical Examination.	Crude Fibre.
1906.								p. c.
June 20	Extra Cream Rolled Oats.	28155	Brackman & Kerr, Vancouver.	7 lbs. 35c.	Vendors.....	.....	Oat starch and tissues.	2 10
" 20	Coarse Oatmeal.....	28156	" " ..	10 lbs. 35c.	" .....	.....	" "	1 90
" 20	Fine Oatmeal.....	28157	" " ..	10 " 35c.	" .....	.....	" "	1 50
" 20	Standard Oatmeal....	28158	" " ..	10 " 35c.	" .....	.....	" "	2 35
" 20	Quaker Rolled Oats ..	28159	Hudson Bay Co., Vancouver.	6 " 40c.	American Cereal Co., Peterboro', Ont.	.....	" "	1 30
" 21	Rolled Oats.....	28164	A. Desbrisay, Vancouver.	7 " 30c.	Brackman & Kerr, Vancouver.	.....	" "	2 10
" 21	Saxon Rolled Oats. . .	28167	McDonell & Vannis, Vancouver.	5 " 30c.	American Cereal Co., Peterboro', Ont.	.....	" "	2 25
" 21	Victoria Rolled Oats .	28168	J. Deal, Vancouver.....	7 " 25c.	" "	.....	" "	1 60