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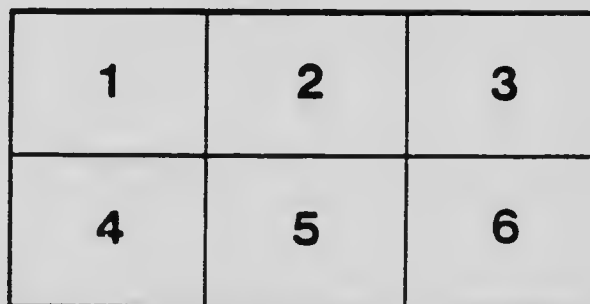
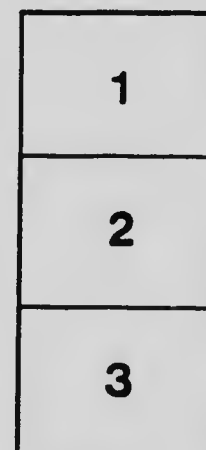
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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 360

BAKING POWDER

NOTES AND COMMENTS.

Under this heading, as occasion arises, the Bulletins issued by this Department will contain, as an appendix, such comment as may seem necessary or advisable upon matters relating to the work of the Department in connection with the administration of the Adulteration Act, the Fertilizers Act, the Feeding Stuffs Act or the Proprietary Medicines Act.

It frequently happens that correspondents ask information regarding the above Acts, of such a nature that the matter in question possesses general interest, and comment upon it would prove acceptable and useful to others than the immediate questioner. In such cases the reply may find a place in these columns. For convenience of reference these notes will be numbered in series.

A. MCGILL,
Chief Analyst.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 360

BAKING POWDER

OTTAWA, January 17, 1917.

J. U. VINCENT, Esq., K.C.,
Deputy Minister of Inland Revenue,

SIR,—I beg to hand you a report upon 213 samples of Baking Powders, purchased by our inspectors during the period, June to August of last year.

This important food material has been made the subject of systematic inspection on five different occasions before the present; and was last reported in March 1915. (Bulletin No. 308.)

The main reason for the present report is the desire to establish a standard for available gas, below which amount the article shall be held illegal. Apart from considerations of the wholesomeness of the ingredients and the harmlessness of the residues left in the bread, it is evident that the gas-producing power of baking powder is its most important character. An article which has been so badly made, or which has so much deteriorated through prolonged keeping, as to be incapable of yielding a reasonable volume of gas, is necessarily disappointing to the baker, and, beyond fixed limits, which should be legally defined, must be regarded as fraudulent.

The generally accepted and what may be regarded as the normal baking powder is expected to yield from 12 to 13 per cent. of gas (weight) when freshly made. The nature of Cream Tartar, which was the original acid ingredient of baking powders, doubtless determined this figure, which has been so long, and so widely accepted that any considerable departure from it would be confusing to the baker. (Bull. 308, p. 4.) Although burnt alum and other acid components which have more recently come into use in baking powders, are capable of producing a much higher percentage of gas, they have usually been reduced in strength by addition of starch or other neutral material so as to conform to the strength of Cream of Tartar.

The nature of a mixture of bicarbonate of soda with any acid substance is such that gradual interaction of the components must occur on prolonged keeping; and unless kept very dry and cool, this interaction may be quite rapid, and must result in the loss of so considerable an amount of gas as to render the article valueless for baking purposes.

The States of Florida, North Dakota and, I believe some others as well as the Government of Western Australia (Gazette, July 17, 1914) have fixed 10 per cent of

gas as the minimum limit for a legal Baking Powder. The following tabulation of results obtained by this Department is of interest:

Date of Inspection.	Number of Samples in which CO ₂ Determined.	Average Gas p.c.
1889.....	149	8.17
1900.....	156	9.80
1908.....	158	10.24
1911.....	150	11.90
1914.....	251	11.31
1915.....	195	11.91

The averages quoted include, of course, a certain number of samples whose content of gas fell short of 10 per cent; nevertheless the means found are well above this limit, and show continuous improvement in the quality of baking powder, from the point of view of gas production.

Details of gas producing power for the last two inspections are of interest:

Available Gas.	Inspection of	
	1915.	1916.
Above 12 per cent.....	48	53
" 12 "	52	56
" 11 "	62	51
" 10 "	45	13
" 9 "	12	6
" 8 "	15	6
" 7 "	5	4
" 6 "	5	4
Below 6 "	7	2
Total.....	251	195

It will be seen that 82 per cent. of the collection of 1915 and 83 per cent. of that of 1916, yielded more than 10 per cent. of gas. I am of opinion that 10 per cent. of available gas is a reasonable limit, below which a baking powder should be regarded as illegal.

It is however to be noted as important that a well defined method of working should be employed in estimating available gas. This is necessary because of the very difficult solubility of burnt alum, and because of the slow decomposition of bi-carbonate of soda at a boiling temperature, quite apart from the reaction of this salt with the acid ingredient of the powder. Bi-carbonate of soda is usually present in slight excess of the amount required to neutralize the free acid of the sample. Macara (Analyst, 1915, p. 272) has shown that this reaction, on sufficiently prolonged boiling, may go on until the sesqui-carbonate is formed; in other words, until 25 per cent. of the carbonic acid in bi-carbonate is driven off.

As already stated, the question of method has been especially studied, during the progress of the work herein reported. Three general types may be noted:

1st. Methods involving the absorption of liberated gas by soda-lime or by solution of potash (gravimetric.)

2nd. Methods involving the absorption of the gas in measured excess of soda or barium hydrate solutions, and subsequent titration of the excess of absorbent (volumetric.)

3rd. Collection of the evolved gas over saturated solution of common salt, and measurement at definite temperature and pressure (gasometric.)

The effect of prolonged boiling; ratio of weight of sample to volume of solvent, and other points, have also been studied.

As the result of our investigations the following method of determining available gas in Baking Powders is recommended.

From 1 to 2 grams of the sample is used; this is boiled with about 100cc. water for 10 minutes from the time when boiling begins; with aspiration of a slow current

of air which carries the liberated gas through a series of U tubes, etc., arranged as follows:—

1. A short Liebig condenser, arranged so as to return the condensed steam to the boiling flask.
2. A U tube (or tower) containing pumice saturated with strong sulphuric acid.
3. A smaller U tube containing fragments of pumice saturated with strong sulphuric acid; or lumps of fused calcium chloride, which must be neutral.
4. A U tube containing soda-lime or Liebig bulbs containing 30 per cent. soda solution.
5. Duplicate of (4.)
6. A U tube like (3.)
7. Same as (6) and connected at exit end to an aspirator or suction pump.

(A T tube should be interposed between the exit end of number 7 and the suction. The third leg of the T tube carries a piece of rubber tubing and a pinch cock. The suction may then be turned on full, and the rate of the air current regulated by the pinch cock.)

U tubes 3, 4, 5 and 6 are weighed. Number 3 should not materially gain weight, and serves to protect 4 and 5. The increase in weight should be almost entirely confined to No. 4. When No. 5 begins to show notable increase in weight, No. 4 should be freshly charged.

After 10 minutes boiling the heat is turned off, but aspiration is continued for 20 minutes longer.

The decomposition flask may be charged with the sample and the water added through a funnel tube reaching nearly to the bottom of the flask; or, more conveniently by first charging with water, and dropping in the sample, wrapped in tissue paper immediately replacing the rubber cork which carries the funnel tube and the exit tube.

The air aspirated through the apparatus may be freed from carbonic acid by a soda lime tube, above the funnel tube. This precaution is not usually necessary, the error due to atmospheric CO₂ being so small as to be negligible. It is also desirable to have an absorption bottle immediately before the suction tube in order to observe conveniently the rate of the air current. A negative pressure must be maintained during the whole operation; but the rate of flow of air should not exceed three bubbles per second.

The source of the leavening gas, is always bi-carbonate of soda. The acid component, by which the gas is liberated, is Tartaric acid, either free or as Cream of Tartar; Sulphuric acid, as one or other of the desiccated alums, (usually soda alum) or Phosphoric acid, employed as Acid phosphate of lime, or as acid phosphate of soda. Sometimes mixtures of these are found, and, very commonly, alum and acid phosphate of lime are found together.

I think it desirable that manufacturers of Baking Powder should be required to state, on the label, the acid component used. The consumer has a right to this information, as also has the physician. Although investigation by a Board of experts of recognized competency (see Bull. No. 103, Department of Agriculture, Washington; or, Bulletin No. 308 of the Inland Revenue Department, Ottawa, p. 6) has shown that "When aluminium compounds are mixed or packed with a food, the quality or strength of said food, has not been found to be thereby reduced, lowered, or injuriously affected," many physicians, and a very large number of laymen are far from convinced that the continuous use of alum is without harmful effect upon the health. Indeed the report above referred to contains the following: "Aluminium compounds when added to foods in the form of baking powders, usually provoke catharsis. This action of aluminium baking powders is due to the sodium sulphate which results from the reaction." The inhibitive effect of alum upon gastric digestion is well established (Bulletin No. 68, Inland Revenue Department) and the great insolubility of desiccated

alum compels the inference that alum as such, remains in the bread in all cases where an alum baking powder has been used.

ALBUMEN IN BAKING POWDERS.

The addition of albumen to a baking powder would evidently increase its value, provided that the amount of albumen added was at all considerable. As a matter of fact, albumen to the amount of about $\frac{1}{100}$ of 1 per cent. of the weight of the powder has been found in some baking powders. It is inconceivable that such an addition can have any appreciable value, as rendering the article superior in baking. It is contended that the true reason for this addition of albumen is found in the fact that, on adding water to such a powder, the increased viscosity causes a persistent froth to be formed, and thus furnishes the vendor with a means of demonstrating apparent superiority, in comparison with other powders, which do not contain albumen. Of course such a use of the article is plainly for purposes of fraud; and several States of the American Union have forbidden the addition of albumen to baking powders, because of the fraudulent use of what is called the "Cold Water test" or "Water glass test" and the fact that the amount of albumen is so small as to possess no tangible value. It is scarcely necessary to add that, albumen being in itself a desirable food product, we cannot under the Adulteration Act, forbid its addition to Baking Powders. No intelligent buyer will permit himself to be deceived by the water glass test; and should actual deception be practiced, anyone has recourse under the common law.

EGG-SUBSTITUTES.

These are, for the most part, merely baking powders, to which has been added wheat flour rich in gluten; casein, or other proteid matter, and a yellow dye. This last is used to simulate egg-yolk; and possibly to deceive the purchaser into a belief that egg is present in the article.

The Government of Western Australia has legislated as follows: "The word 'egg' and expressions or devices which imply or suggest the presence of egg, or the equivalent of egg, shall not be written on, or attached to any package which contains baking powder." *Gazette*, 17 July, 1914.

I regard this action as right and proper. The high price of eggs tempts the baker to purchase anything that promises to be a substitute; and in this way, an article of little cost and of less value, is able to secure sale at an exorbitant price. The artificial colouring of a so-called egg powder, so as to make it resemble egg-yolk, should be forbidden by law.

Another class of egg-substitutes, not containing gas producing components is found on the market. For the most part, these articles consist of casein, with flour, some fat and a little sugar, coloured with a yellow dye. Fancy names like Egg-o-let, sub-egg-o, etc., have been coined for some of them. In all such articles, a plain statement of composition should be required on the label; and the employment of a dye should be forbidden.

It is hoped that this report will supply data upon which to establish standards for Baking Powder under the sanction of Section 26 of the Adulteration Act.

I beg to recommend its publication as Bulletin No. 360.

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

A. MCGILL,
Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF NOVA SCOTIA—R. J. WAUGH,

1916.								
Aug.	9	Baking Powder.	76311	J. A. Russell, Digby, N.S.	3 pkgs	35	St. John C. and Spice Co., St. John.	Hall & Fairweather, St. John.
"	9	"	76312	Turnbull & Co., Digby, N.S.	3 "	30	Coleman B. P. Co., Brockville.	Mfrs.....
"	10	"	76313	Lamont & Steadman, Kentville, N.S.	3 "	30	E. W. Gillett Co., Toronto.	"
"	18	"	76314	J. L. Wilson & Co., Halifax.	3 "	28	"	"
"	18	"	76315	W. S. Pearman, Halifax	3 "	Nil.	Vendor.....	"
"	18	"	76316	Wentzell's, Ltd., Halifax	3 "	45	Royal B. P. Co., New York.	"
"	21	"	76317	Dillon Bros., Halifax	3 "	15	Gray Mfg. Co., Halifax.	"
"	22	"	76318	A. W. Huxtable, Dartmouth.	3 "	45	Unknown	Pure Gold Mfg. Co.
"	22	"	76319	"	3 "	30	McLaren's Mfg. Co., Hamilton.	Mfrs
"	26	"	76320	National Drug and Chem. Co., Halifax.	3 "	38	Vendors.....	"
July	25	"	73232	Albert J. Roop, New Glasgow.	3 "	45	Royal B. P. Co., New York.	R. McGregor & Sons, New Glasgow.
"	25	"	73233	D. J. Murray, New Glasgow.	3 "	30	E. W. Gillett Co., Ltd., Toronto.	" ..
"	26	"	73234	R. MacNabb, Trenton, N.S.	3 "	75	Royal B. P. Co., New York.	" ..
"	26	"	73235	W. E. G. Brown, Trenton, N.S.	3 "	30	Coleman B. P. Co., Brockville.	Mfr.....

DISTRICT OF CAPE BRETON—

Aug.	1	Baking Powder.	63852	J. F. Miles, Sydney, N.S.	3 pkgs	75	Gorman, Eckert Co., London, Ont.	"
"	2	"	63856	D. M. McMillan, Sydney, N.S.	3 "	30	St. John C. and S. Mills, St. John.	"
"	2	"	63856	"	3 "	30	E. W. Gillett & Co., Toronto.	"
"	2	"	63857	"	3 "	30	Coleman B. P. Co., Brockville.	"
"	2	"	63858	"	3 "	30	Royal B. P. Co., New York.	"

DISTRICT OF NEW BRUNSWICK—

July	6	Baking Powder.	69521	Two Barkers, Ltd., St. John, N.B.	3 pkgs	30	Coleman B. P. Co., Brockville.	"
"	6	"	69522	Dearborn & Co., St. John, N.B.	3 "	30	Vendors.....	"
"	7	"	69523	Louis Corey, St. John, N.B.	3 "	30	E. W. Gillett Co., Toronto.	"
"	10	"	69524	Terra Grocery Co., St. John, N.B.	3 "	30	White Swan C. & S., Ltd., Toronto.	"

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		

INSPECTOR; W. A. PETIPAS, TEMPORARY INSPECTOR.

		p. c.				
Dearborn Brand ..	Dearborn's	11.06	Phosphate....		76311	
.....	Coleman's	12.14	Alum phosphate.		76312	
Magic Brand	Magic	13.08	Phosphate.....	Contains no alum.	76313	
"	"	13.12	"		76314	
Woodill's Brand ..	Woodill's	11.60	Alum phosphate.		76315	
Royal " ..	Royal	12.26	Cream of tartar.		76316	
New Process Brand.	Gray's	2.80	Phosphate.....		76317	Below proposed standard.
Standard Brand. -	Standard	11.68	Alum phosphate.		76318	
Invincible " ..	Invincible	13.04	Phosphate	Contains no alum.	76319	
.....	Nat. Drug. Co .	12.82	Cream of tartar.		76320	
.....	Royal	12.14	"		73232	
.....	Magic	12.72	Phosphate.		73233	
.....	Royal	12.48	Cream of tartar.		73234	
.....	Coleman's	11.52	Alum phosphate.		73235	

E. F. McKEEN, INSPECTOR.

.....	Golden West	13.16	Alum phosphate.		63852	
.....	Dearborn's.. ..	11.16	Phosphate		63855	
.....	Magic.....	12.80	"		63856	
.....	Coleman's	10.78	Alum phosphate.		63857	
.....	Royal.....	11.44	Cream of tartar.		63858	

JOHN C. FERGUSON, INSPECTOR.

.....	Coleman's	Coleman's	11.54	Alum phosphate	.....	69621
.....	Perfect.	Dearborn's	12.06	Phosphate .....	.....	69622
.....	Magic.	Magic.....	14.08	" .....	.....	69623
.....	White Swan.....	White Swan ...	12.40	"	Contains no alum.	69624

BULLETIN No. 360—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF NEW BRUNSWICK—

1916.								
July 11	Baking Powder.	69525	W. Parkinson, St. John, N.B.	3 pks	69	Lumsden Bros., Standard Mills.	G. De Forest & Sons, St. John.	
" 27	"	69526	Geo. T. Whelpley, Fredericton, N.B.	3 "	45	Royal B. P. Co., New York.	.....
" 27	"	69527	W. H. Vanvart, Fredericton, N.B.	3 "	84	N. D. & Chem. Co., Montreal.	.....
Aug. 3	"	69528	Mills Eveleigh Co., Sussex, N.B.	3 "	30	E. W. Gillett Co., Toronto.	.....
" 3	"	69529	Sussex Mercantile Co., Sussex, N.B.	3 "	42	Royal B. P. Co., New York.	.....
" 4	"	69530	Geo. A. Robertson, Moncton, N.B.	3 "	30	Dearborn & Co., St. John.	.....

DISTRICT OF QUEBEC—

June 30	Baking Powder.	56802	Jos. Tremblay, Charlesbourg, Que.	3 pks	45	E. W. Gillett Co., Ltd.	Turcotte frere...
" 30	"	56803	" " " " " "	3 "	39	Integrity Mills, Toronto.	Unknown
" 30	"	56804	P. Legaré, Charlesbourg, Que.	3 "	45	.....	N. Turcotte....
" 30	"	56805	L. Gauvain, Lesage and St. Valer, Que.	3 "	60	.....	Bedard frere....
July 3	"	56806	" " " " " "	3 "	30	.....	.....
" 3	"	56807	Pierre Pageau, Loretteville, Que.	3 "	60	.....	Unknown
" 3	"	56808	" " " " " "	3 "	60	.....	.....
" 3	"	56809	Geo. Bertrand, Loretteville, Que.	3 "	45	Royal B. P. Co.....	.....
" 3	"	56810	Francois Renaud, Loretteville, Que.	3 "	30	Bee Co., Montreal...	.....
" 3	"	56811	" " " " " "	3 "	30	.....	.....

DISTRICT OF QUEBEC PROVINCE—

July 11	Poudre pate.	5354	A. Lacasse, St. Claire	3 pks	45	Coleman, Brockville.	.....
" 12	"	5357	Dorchester Lumber, St. Malachi.	3 "	60	" "	.....
" 13	"	5360	D. Towel, St. Leon.....	3 "	60	.....	Dorchester Lumber.
" 14	"	5362	Lacasse & Audet, St. Edward.	3 "	15	.....	"
" 15	"	5365	G. Dussault, Ste. Marguerite	3 "	45	E. W. Gillett, Toronto.	.....
June 28	"	4343	Laurent Languy, St. Marg.	3 "	45	Ocean Mills Co., Montreal.	.....
" 28	"	4344	" " " " " "	3 "	60	E. W. Gillett, Toronto.	.....
July 3	"	4347	Onesime Noel, Armagh ...	3 "	36	.....	.....

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		

Concluded.

		p. c.				
Jersey Cream...	Jersey Cream....	13.76	Alum phosphate	.....	69525	
Royal.....	Royal.....	11.88	Cream of tartar.	.....	69526	
St. George's....	St. George's.....	7.53	"	.....	69527	Below proposed standard.
Magic.....	Magic.....	6.78	Phosphate.....	.....	69528	" "
Royal.....	Royal.....	11.32	Cream of tartar.	.....	69529	
Perfect.....	Dearborn's.....	10.80	"	.....	69530	

F. X. W. E. BELAND, INSPECTOR.

.....	Magic.....	11.86	Phosphate.....	.....	56802	
.....	Comfort.....	11.70	Alum phosphate	.....	56803	
.....	Cook's Choice....	10.74	"	.....	56804	
Coleman's.....	Coleman's.....	8.94	"	.....	56805	Below proposed standard.
.....	Puritas.....	12.76	Phosphate.....	Contains no alum.	56806	
.....	Citadel.....	3.36	Alum.....	No starch....	56807	Below proposed standard.
.....	Daisy.....	19.96	"	.....	56808	
.....	Royal.....	11.10	Cream of tartar.	.....	56809	
.....	Bee.....	11.16	Alum phosphate	.....	56810	
.....	Fameuse.....	12.44	Alum.....	Contains no alum.	56811	

J. E. AUDET, O. BROCHU, T. GENDREAU, N. CADIEUX, TEMPORARY INSPECTORS.

.....	Coleman's.....	11.0	Alum phosphate.	.....	5354	
.....	".....	12.2	" "	.....	5357	
.....	Magic.....	13.6	Acid	.....	5360	
.....	".....	See No. 5360.	" "	.....	5362	
.....	".....	"	" "	.....	5365	
.....	Three Stars.....	12.1	Alum phosphate.	.....	4343	
.....	Magic.....	13.2	Acid	.....	4344	
.....	Noel's Special....	13.9	Alum	.....	4347	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF QUEBEC PROVINCE—

1916.							
July	3	Poudre pate.	5349	Arthur Fradette, Armagh...	3 pks.	54	N. Turcotte Cie., Quebec.
"	3	"	5350	" "	3 "	36	J. B. Renand, Quebec.
June	26	"	72277	Dame A. Bernier, St. Thomas, P.Q.	3 "	60	Langlois & Paradis, Quebec.
"	26	"	72278	R. Boulet, St. Thomas, P.Q.	3 "	30	"
"	27	"	72279	J. H. L'Abadie, Berthier...	3 "	75	Ocean Mills, Montreal.
"	30	"	72285	J. P. Fournier, St. Francois	3 "	36	Turcotte & frere, Quebec.
July	1	"	72286	Ludger Bernier, Cap St. Ignace.	3 "	45	J. B. Renaud, Quebec.
June	27	"	5737	Eug. Lacasse, St. Jerome	3 "	45	Ocean Mills, Montreal.
"	27	"	5738	Henri Gingras, St. Jerome	3 "	30	E. W. Gillett Co., Ltd.
"	27	"	5739	J. B. Gougeon, St. Jerome	3 "	15	Hudon & Orsali
"	27	"	5740	Alexandre Villeneuve, St. Jerome	3 "	30	S. H. Ewing & Son Montreal.
"	27	"	5741	Charlemagne Tailon, St. Jerome	3 "	45	Vendor

DISTRICT OF THREE RIVERS—

June	28	Baking Powder.	5430	Arthur Tessier, St. Félix de Valois.	3 pkg.	30	E. W. Gillett, Toronto.
"	30	"	5435	Magnan Bros., Joliette	3 "	75	"
July	1	"	5437	Amédée Chartier, "	3 "	30	"
"	1	"	5439	J. O. Malo, "	3 "	30	"
"	3	"	5442	J. H. Longpre, St. Gabriel, de Brandon.	3 "	75	J. J. Duffy Co., Montreal.
"	2	"	5445	W. Farly, St. Gabriel, de Brandon.	3 "	60	E. W. Gillett, Toronto.
"	5	"	5449	Louis Prevost, L'Épiphanie.	3 "	36	"
"	5	"	5450	T. A. Mercier, "	3 "	30	"
"	6	"	5455	L. A. Caisse, Berthierville.	3 "	75	"

DISTRICT OF EASTERN TOWNSHIPS—

Aug.	1	Baking Powder.	73941	Therhault & Leclerc, Sherbrooke	3 tins.	30	"
"	1	"	73942	" " "	3 "	30	"
"	1	"	73943	A. Gunning, "	3 "	30	"
"	1	"	73944	Bernard & Cie., "	3 "	15	"

BAKING POWDER.

Inspector's Report. (Is not an expression of Opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		
<i>Concluded.</i>						
		p.c.				
	Magic.....	See No. 4344.	Acid phosphate.....		4349	
	Reno.....	12.2	Alum "		4350	
	Magic.....	12.0	Acid "		72277	
	Boulet's Special...	13.0	Alum, trace phosphate,		72278	
	Ocean.....	12.9	Alum phosphate. No alum.....		72279	
	Export.....	14.0	" "		72285	
	Reno.....	10.1	" "		72286	
	Ocean.....	13.1	" "	No alum.....	5737	
	Magic.....	11.4	Acid "		5738	
	Gen.....	11.4	Alum "		5739	
	Ewing's Star.....	12.7	" "		5740	
	St. Jerome.....	9.8	" "		5741	

DR. V. P. LAVALLEE, INSPECTOR.

	Magic.....	13.1	Acid phosphate..		5430
	".....	See No. 5360.	"		5435
	".....	"	"		5437
	".....	"	"		5439
	Cook's Favorite.....	12.8	Alum phosphate.....		5442
	Magic.....	See No. 5360.	Acid phosphate..		5445
	".....	"	"		5449
	".....	"	"		5450
	".....	"	"		5455

J. J. COSTIGAN, ACTING INSPECTOR, E. BLONDIN, TEMPORARY INSPECTOR.

Standard Brand.	Standard Dairy...	11.3	Alum phosphate.....	73941
Cook's Choice "	Cook's Choice.....	12.2	"	73942
Cook's Friend "	Cook's Friend.....	12.6	"	73943
Bernard's Special Brand.	Bernard's.....	11.5	Alum.....	73944

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF EASTERN TOWNSHIPS—

1916.							
Aug. 1	Baking Powder.	73945	N. Lacroix, Sherbrooke....	3 tins.	30		
" 1	"	73946	A. Boisvert, " ..	3 "	15		
" 1	"	73947	A. Leclair, " ..	3 "	30		
" 1	"	73948	J. A. Charest & Cie., Sherbrooke.	3 "	45		
" 3	"	73949	Magog Co-operative Society, Magog.	3 "	45		
" 3	"	73950	F. X. Gagnon, Magog.....	3 "	50		
June 27	Poudre à pâte.	73806	Gerald Brousseau, St. Hyacinthe.	3 "	75		Laporte Martin, Montreal.
" 27	"	73807	D. Sevigny, St. Hyacinthe.	3 "	30		Lafrance & Sylvestre, St. Hyacinthe.
" 27	"	73808	A. E. Chabot, St. Hyacinthe.	3 "	36		Laporte, Martin, Montreal.
" 28	"	73809	A. J. Hendon, Richmond..	3 "	90	W. D. McLaren ..	
" 28	Soda à pâte.	73815	Dand. Bedard, Richmond..	3 "	30	W. Golbrook & Son, Montreal.	

DISTRICT OF MONTREAL—

Aug. 5	Baking Powder.	74801	A. E. Lancaster, Hudson, P.Q.	3 tins.	75	Royal B. P. Co.....	
" 5	"	74802	Cousineau & Consineau, Hudson, P.Q.	3 "	36	E. W. Gillett Co.	
" 16	"	74803	C. P. Seguin, St. Dominique, P.Q.	3 "	45		L. Chaput & fils.
" 17	"	74804	J. A. Bissonnette & frères, Cedars, P.Q.	3 "	45		Lacaille, Gendron Co.
" 17	"	74805	J. R. Denis frère, Cedars, P.Q.	3 "	75		Ocean Mills Co..
" 18	"	74806	Telesphore Boyer, St. Polycarpe, P.Q.	3 "	45		L. Chaput fils & Co.
" 18	"	74807	J. Daoust, St. Polycarpe, P.Q.	3 "	15		Laporte & Martin.
" 18	"	74808	E. Aubry, St. Polycarpe, P.Q.	3 "	30		Unknown
Sept. 5	"	74809	A. Germain, 760 St. Catherine St. E., Montreal.	3 "	35	W. D. McLaren	
" 5	"	74810	W. Dupras, 892 St. Catherine St. E., Montreal.	3 "	15		O. Lefevre,

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Avail. able.	Character of Powder.	Claim on Label.		

Concluded.

		p. c.				
Coleman's Special Brand.	Coleman's special.	11.8	Alum phosphate.		73945	
Ocean Brand.	Ocean	11.4	"	No alum	73946	
Comfort "	Comfort	7.7	"		73947	Below proposed standard.
Gold Medal Special Brand.	Gold Medal	13.5	"		73948	
Auto Brand.	Auto	14.4	"		73949	
Cook's Pride Brand	Cook's Pride	13.7	"		73950	
	Cook's Friend	6.9	"		73806	Below proposed standard.
	Cow Brand	Is Baking Soda.			73807	
	Magic	See No. 5360	Acid phosphate.		73808	
	Cook's Friend	13.1	Alum phosphate.		73809	
	Cow Brand	Is Baking Soda			73815	

D. J. KEARNEY, INSPECTOR.

	Royal	12.3	Cream of tartar and trace of phosphate.		74801	
	Magic	See No. 5360	Acid phosphate.		74802	
	Perfection	12.0	Alum phosphate.		74803	
	Domestic	11.5	" "		74804	
	Ocean	8.0	" "	No alum	74805	Below proposed standard.
	Perfection	13.3	" "		74806	
	Princess	6.2	" "		74807	Below proposed standard.
	Baking Powder	6.9	" "		74808	
	Cook's Friend	9.2	" "		74809	" "
	Ocean	11.3	" "	No alum	74810	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF VALLEYFIELD—

1916.							
June 27	Baking Powder.	73911	J. A. Robert, Beauharnois.	3 tins.	15		
" 27	"	73912	J. E. Daignault, Beauharnois.	3 "	15		
" 27	"	73913	" " "	3 "	30		
Aug. 1	"	74911	A. Bissonnette, St. Zotique.	3 "	20	F. F. Dalley Co.	
" 1	"	74912	G. Pilon, St. Zotique.	3 "	45	H. F. Pacaude & Co.	
" 2	"	74913	J. H. Methot, Côteau Landing.	3 "	30	E. W. Gillett Co.	
" 2	"	74914	J. B. Hemond, Côteau Landing.	3 "	75	J. A. Simard Co., Ltd.	
" 2	"	74915	A. Royal, Côteau Landing.	3 "	30	Laporte, Martin Co.	
" 10	"	74916	A. Dumessnil, Côteau du Lac.	3 "	15	S. H. Ewing Sons.	
" 10	"	74917	G. Methot, Coteau du Lac.	3 "	30	Unknown	

DISTRICT OF OTTAWA—

July 12	Baking Powder.	73658	James McDougall, Brockville.	3 tins.	30	Coleman B. P. Co., Brockville.	
" 12	"	73660	R. Armour, Brockville.	3 "	30	Gorman Eckert Co., London.	
" 15	"	73662	T. McCormick & Son, Arnprior.	3 "	45	Vendor.	
" 15	"	73663	J. F. Cahill, Arnprior.	3 "	45	F. F. Dalley Co., Hamilton.	
" 15	"	73664	A. E. Thoms, Arnprior.	3 gla.	30	Mait B. P. Co., Ottawa.	
" 17	"	73666	T. E. MacDonald, 1, 711 Somerset st., Ottawa.	3 tins.	60	C. H. Cochrane & Co., Ottawa.	
" 17	"	73669	T. Bowman, 785 Somerset st., Ottawa.	3 "	45	S. H. Ewing & Sons, Montreal.	
" 17	"	73671	Major & Hurteau, 815 Somerset st., Ottawa.	3 "	15	Integrity Mills, Toronto.	
" 22	"	73681	Fawkes & Co., Cornwall.	3 "	45	Pure Gold Mfg. Co., Toronto.	
" 24	"	73682	L. Malette, Dalhousie and Murray sts., Ottawa.	3 "	30	Vendor.	

DISTRICT OF KINGSTON—

July 3	Baking Powder.	73629	The City Grocery, Port Hope.	3 tins.	75	Lumsden Bros., Hamilton.	
" 3	"	73632	H. E. Martin, Port Hope.	3 "	30	Gorman Eckert & Co., London.	
" 4	"	73635	D. A. Parks, Trenton.	3 "	45	Vendor.	
" 4	"	73637	A. Allore, Trenton.	3 "	30	Imp. Cocoa & Spice Co., Ltd., Hamilton.	

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		

J. J. COSTIGAN, ACTING INSPECTOR.

		p. c.				
Cooks' Pride.....	Cooks' Pride	10.6	Alum phosphate.....	73911		
Cyclone	Cyclone	13.3	" "	73912		
Magic.....	Magic	11.6	Acid "	73913		
Kitchen Queen....	Kitchen Queen....	7.9	Alum "	74911	Below proposed standard.	
Cooks' Pride.....	Cooks' Pride	13.2	" "	74912		
Magic.....	Magic	See No. 5360	Acid "	74913		
Electric	Electric	13.5	Alum "	74914		
Princess	Princess	12.5	" "	74915		
Star.....	Star.....	8.5	" "	74916	Below proposed standard.	
	Baking Powder....	12.3	" "	74917		

J. A. RICKEY, INSPECTOR.

Coleman's Special.	Coleman's	12.0	Alum phosphate.....	73658		
Forest City.	Forest City.....	9.4	" "	73660	Below proposed standard.	
McCormick's.	McCormick's.	11.7	" "	73662		
Kitchen Queen....	Kitchen Queen....	13.9	Alum	73663		
Malt.....	Fanning's Malt...	16.6	"	D'ble strength 73664		
Barley Corn ..	Barley Corn.....	11.6	Alum phosphate.....	73666		
Star.....	Evening's Star....	11.6	"	73669		
Comfort	Comfort	9.1	"	73671		
Our 1906 Dairy. ...	Our 1900 Dairy ...	12.4	"	73681	Below proposed standard.	
Our Own	Our Own.....	12.7	"	73682		

J. A. RICKEY, ACTING INSPECTOR.

Jersey Cream.....	Jersey Cream.....	13.3	Alum phosphate.....	73629		
Forest City.....	Forest City.....	11.1	"	73632		
Lily.....	Lily	12.3	Alum, trace phosphate.	73635		
Rose Brand.....	Rose	16.0	Alum phosphate.....	73637		

BULLETIN No. 360—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF KINGSTON—

1916.							
July	4	Baking Powder.	73642	John Paisley, Napanee.....	3 tins.	45	Cleveland B. P. Co., New York.
"	4	"	73644	The Fair, Napanee.....	3 "	45	Vendors.....
"	6	"	73646	H. S. Wilder, Kingston...	3 "	45	E. W. Gillett, Ltd., Toronto.
"	6	"	73648	J. A. Boyd, Kingston.....	3 "	60	Geo. Roberson & Sons, Ltd., Kings'n
"	6	"	73651	J. Cullen, Kingston.....	3 "	75	Vendor.....
"	6	"	73652	Anderson Bros., Kingston..	3 "	75	Vendors.....

DISTRICT OF TORONTO—

July	8	Baking Powder.	72880	A. Truzell, 98 Wilton ave., Toronto.	3 cans	15	Imp. Spice Co., Ltd., Hamilton.
"	8	"	72881	Liggett's, Ltd., 106 Yonge st., Toronto.	3 "	60	Vendors.....
"	9	"	72882	The Merrill Co., Ltd., 953 Church st., Toronto.	3 "	30	".....
"	14	"	72883	Mrs. M. MacDonald, 1753 Beaconsfield st., Toronto.	3 "	15	R. B. Hayhoe & Co., Toronto.
"	14	"	72885	J. E. Thompson, 138 Vau- sghan Road, Toronto.	3 "	45	Dalton Bros., Tor- onto.
"	19	"	72886	C. Robinson, 150 Avenue Road, Toronto.	3 "	70	Spice B. P. Co., Chicago.
"	19	"	72887	J. T. Painton & Son, 193 Davenport Road, Toronto.	3 "	45	".....
"	21	"	72888	Brown Bros., 592 Queen st., W., Toronto.	3 "	15	Todhunter, Mitchell & Co., Toronto.
"	21	"	72889	A. Denholm, 61 Enclid ave., Toronto.	3 "	15	J. M. Lowes Co., Toronto.
"	22	"	72900	J. B. Hagan, 638 Bloor st., W., Toronto.	3 "	45	".....
"	14	"	75500	S. Larman, 87 Arthur St., Toronto.	3 "	15	Dalton Bros., Tor- onto.

DISTRICT OF HAMILTON—

June	26	Baking Powder.	73603	Dunn Bros., 123 James st., N., Hamilton.	3 tins.	45	Lumsden Bros., Hamilton.
"	26	"	73605	S. Sansone, 142 James st., N., Hamilton.	3 "	30	Hamilton C. & S. Co., Ltd., Hamilton.
"	26	"	73606	Wm. Carroll, Hamilton....	3 "	30	Vendor.....
"	26	"	73607	" ".....	3 "	45	Lumsden Bros., Hamilton.
"	29	"	73613	A. L. Lawrence & Co., St. Catherines.	3 "	45	Vendors.....
"	29	"	73614	" ".....	3 "	30	E. W. Gillett Co., Toronto.
"	29	"	73715	" ".....	3 "	60	Royal B. P. Co., New York.

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		

Concluded.

		p. c.		
Cleveland's Superior.	Cleveland's Superior.	10.7	Cream of tartar.	73642
The Rose.....	The Rose.....	10.7	Alum phosphate	73644
Magie. Contains no alum.	Magie.....	See No. 5360	Acid phosphate.	73646
Charm. Pure cream of tartar.	Charm.....	11.2	Cream of tartar and alum phosphate.	73648
Cullen's pure cream	Cullen's Pure Cream.	12.2	Alum phosphate.	73651
Maple Leaf.....	Maple Leaf.....	11.3	"	73652

H. J. DAGER, INSPECTOR.

Rose Brand.....	Rose.....	14.1	Alum phosphate	72880
English.....	English.....	13.3	"	72881
Merrill's Cream of Tartar.	Merrill's Cream of Tartar.	11.3	Cream of tartar, Phosphate and alum.	72882
Hayhoe's.....	Hayhoe's.....	10.5	Alum, trace phosphate.	72883
Lily.....	Dalton's Lily.....	10.7	Alum phosphate	72885
Dr. Price's.....	Dr. Price's.....	10.6	Cream of tartar.	72886
.....	Painton's.....	11.4	Alum phosphate	72887
Cook's Favorite Surprise.	Cook's Favorite Surprise.	11.8	"	72888
Monarch.....	Monarch.....	10.0	"	72880
.....	Hagan's.....	10.9	"	73900
Favourite.....	Dalton's Favorite.	12.1	"	73500

J. A. RICKEY AND H. J. DAGER, ACTING INSPECTORS.

Purity Brand.....	Purity.....	13.6	Alum phosphate	73603
Ocean Wave ...	Ocean Wave.....	13.2	"	73605
Alliance.....	Alliance.....	13.6	"	73606
Social.....	Social.....	13.1	"	73707
Our Own.....	Lawrence's Our Own.	12.2	"	73613
Magie.....	Magie.....	12.0	Acid phosphate.	73614
.....	Royal.....	13.0	Cream of tartar and trace of phosphate.	73615

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF HAMILTON—

1916.							
June	29	Baking Powder.	73617	C. M. Gibson, St. Catharines.	3 tins.	45	Vendor.....
"	29	"	73618	" " "	3 "	45	White Swan Mills, Toronto.
"	29	"	73619	" " "	3 "	30	Eggo B. P. Co., Hamilton.
"	26	"	75121	Lloyd Bros., Owen Sound.	3 pkgs	30	Hamilton C. & S. Co., Ltd., Hamilton.
"	26	"	75422	R. D. Little, Owen Sound.	3 "	45	Gorman, Eckert & London.
"	27	"	75423	Jas. Mathieson, Warton.	3 "	30	The F. F. Dalley Co., Ltd., Hamilton.
"	29	"	75424	C. C. Borden, 394 Woolwich St., Guelph.	3 cans.	30	Eggo B. P. Co., Hamilton.
"	29	"	75425	F. H. Barber, 77 Suffolk St., Guelph.	3 "	30	Vendors.....
July	4	"	75426	Ante & Son, 31 Ainslie St., Galt.	3 "	30	Can. S. & C. Co., Ltd., London.
"	4	"	75427	Geo. E. Zettel, 101 Frederick St., Berlin.	3 "	45	"
"	4	"	75428	Dunhe & Co., 35 King St. E., Berlin.	3 "	30	White Swan Mills, Toronto.
"	5	"	75429	Arthur Harp, 66 Colborne St. Brantford.	3 "	45	Vendor.....
"	5	"	75430	G. S. Winter & Co., 139 Colborne St. Brantford.	3 "	30	E. W. Gillett & Co., Ltd., Toronto.

DISTRICT OF WINDSOR—

July	4	Baking Powder.	65001	Jones & May, Exeter.....	3 pkgs	30	Eggo B. P. Co., Ltd., Hamilton.
"	4	"	65004	Geo. R. Bedford, Exeter....	3 "	30	E. W. Gillett Co., Toronto.
"	5	"	65012	Gill Bros., Strathroy.....	3 "	30	Gorman, Eckert Co., London.
"	5	"	65014	E. Gallaher, Strathroy....	3 "	30	I. X. L. S. & Co., London.
"	5	"	65019	Mihell & Gill, Strathroy....	3 "	60	Royal B. P. Co., New York.
"	6	"	65020	Wm. E. Eastwick, Port Stanley.	3 "	30	E. W. Gillett Co., Toronto.
"	6	"	65022	F. R. Dale, Port Stanley....	3 "	30	Cleveland B. B. Co., New York.
"	6	"	65025	Finlay & Nicholas, Port Stanley.	3 "	30	Gorman, Eckert Co., London.
"	6	"	65027	W. E. Lumley, St. Thomas.	3 "	60	White Swan S. & C. Co., Toronto.

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand/	Results of Analysis.			No of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		

Concluded.

		p.c.				
Gibson's.....	Gibson's.....	11.6	Alum phosphate.....		73617	
White Swan.....	White Swan.....	11.0	".....		73618	
Eggo.....	Eggo.....	13.2	".....		73619	
Ocean Wave.....	Ocean Wave.....	14.7	Alum phosphate.....		75421	
Forest City.....	Forest City.....	12.7	".....		75422	
English.....	English Cream.....	9.8	Alum.....		75423	
Eggo.....	Eggo.....	12.6	Alum phosphate.....		75424	
Barber's.....	Barber's.....	11.0	".....		75425	
Crest Brand.....	Crest.....	8.2	".....		75426	Below proposed standard.
Zettel's.....	Zettel's.....	13.0	".....		75427	
White Swar.....	White Swan.....	8.9	".....		75428	Below proposed standard.
Allies.....	Allies.....	13.7	".....		75429	
Magic.....	Magic.....	See No. 5360	Acid phosphate.....		75430	

JOHN TALBOT, INSPECTOR.

Eggo.....	Eggo.....	13.1	Alum phosphate.....		65001
Magic.....	Magic.....	11.3	Acid phosphate.....		65004
Forest City.....	Forest City.....	13.3	Alum phosphate.....		65012
Sweetheart.....	Sweetheart.....	13.9	".....		65014
Royal.....	Royal.....	13.7	Cream of tartar and a trace of phosphate.....		65019
Magic.....	Magic.....	See No. 5560	Acid phosphate.....		65020
Cleveland's Superior.....	Cleveland's Superior.....	9.9	Cream of tartar.....		65022
Forest City.....	Forest City.....	13.5	Alum phosphate.....		65025
White Swan.....	White Swan.....	12.4	".....		65027

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF MANITOBA—

1916.							
July	11	Baking Powder.	75012	N P. Jobbins, Melita.....	3 tins.	1.20	Price B. P. Co., Chicago.
"	14	"	75013	J. F. Price, 900 Rosser ave., Winnipeg.	3 "	75	Gillett, Toronto.....
Aug.	9	"	75014	J. E. Mitchell, Killarney...	3 "	75	White Mfg Co., Winnipeg.
"	9	"	75015	G. H. Parsons, Killarney.	3 "	45	Gold Standard Mfg. Co., Winnipeg.
"	10	"	75016	W. Gemmill, Cartwright... 3 "	75	Gold & Co. B. P. Co., Winnipeg.	
"	10	"	75017	A. W. Heath, Cartwright... 3 "	75	Gold Standard Co., Winnipeg.	
"	10	"	75036	Elliott Argue Co., Cartwright.	3 "	75	Blue Ribbon Co., Winnipeg.
"	16	"	75034	D. Keliher, 165 Marion st., Norwood.	3 "	30	Eggo B. P. Co., Hamilton.
"	18	"	75035	John Reid, 686 Arlington ave., Winnipeg.	3 "	60	Dyson Co., Winnipeg.
"	22	"	75049	Musgrove & Co., Stonewall.	3 "	30	Gold Standard Co., Winnipeg.

DISTRICT OF SASKATCHEWAN—

June	27	Baking Powder.	71596	R. Taylor & Co., Indian Head.	3 pkgs	75	White Star Mfg. Co., Winnipeg.	Manufacturer.
"	27	"	71598	Labrom & Whittle Indian Head.	3 "	75	L. H. McKinnon Co., Winnipeg.	"
"	28	"	71606	Claxton Bros. & Co., Grenfell.	3 "	75	Todhunter & Mitchell.	"
"	28	"	71608	Flemming & Bennett, Indian Head.	3 "	60	Blue Ribbon Mfg. Co., Winnipeg.	"
"	29	"	71612	Crozier Bros., Wolsley ...	3 "	75	Unknown.....	.....
"	29	"	71614	D. G. Craig, "	3 "	75	Gold Standard Mfg. Co., Winnipeg.	Codville Co., Brandon.
"	30	"	71620	Empire Grocery, Regina...	3 "	75	No Vary Products, Ltd., Toronto.	McLean Grocery Regina.
"	30	"	71621	Marshall Bros., North Regina.	3 "	80	McLaren's, Ltd., Winnipeg.	.....
Aug.	7	"	71623	Moose Jaw Trading Co., Moose Jaw.	3 "	45	Unknown.....	.....
"	7	"	71625	Robinson & McBean, Ltd., Moose Jaw.	3 "	75	" .....	.....

DISTRICT OF ALBERTA—

July	25	Baking Powder.	52481	J. A. Ramsay, Gleichen...	3 tins.	75	E. W. Gillett Co., Ltd., Toronto.	.....
"	25	"	52842	Matthews & Kidney, " ...	3 "	75	Egg-O B. P. Co., Hamilton.	.....
"	26	"	52483	E. F. Purcell, Bassano....	3 "	75	No Vary Products Co., Toronto	.....
"	26	"	52484	McKee & Berry, "	3 "	1.20	Price's B. P. Co., Chicago.	.....

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and Opinion of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim of Label.		

J. B. COSGROVE, INSPECTOR.

		P. c.			
	Price's.....	12.12	Cream of tartar.....		75012
	Magic.....	12.64	Acid phosphate.....		75013
	White Star.....	11.12	Alum ..		75014
Maple Leaf.....	Maple Leaf.....	12.08	" "		75015
Deer Head.....	Deer Head.....	8.08	" "		75016
	Heath's.....	12.20	" "		75017
	Blue Ribbon..	12.72	" "		75036
	Eggo.....	11.92	" "		75034
	Reid's.....	11.40	" "		75035
	Blackwood's.....	11.20	" "		75049

Below proposed standard.

L. H. HALL, INSPECTOR.

White Star Brand	White Star.....	12.80	Alum phosphate.....		71595
Melrose "	Melroe.....	14.52	" ..		71598
	Claxton's.....	13.72	" ..		71605
Blue Ribbon Brand	Blue Ribbon ..	13.24	" ..		71608
	Standard Dairy...	13.20	" ..		71612
Gold Standard Brand.	Gold Standard....	11.72	" ..		71614
No Vary Brand..	No Vary.....	12.80	" ..		71620
Invincible "	Invincible	12.80	Acid phosphate.....		71621
Antler "	Antler.....	11.72	Alum ..		71623
Peerless "	Peerless.....	11.84	" ..		71625

A. W. R. MARKLEY, INSPECTOR.

Magic Brand.....	Magic.....	12.24	Acid phosphate.....		52481
Egg-O "	Egg-O.....	12.52	Alum ..		52482
No Vary Brand..	No Vary.....	11.80	" "		52483
Price's "	Price's.....	12.04	Cream of tartar.....		52484

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

DISTRICT OF ALBERTA—

1916.							
July 27	Baking Powder.	52485	E. F. Purcell, Brooks.....	3 tins.	75	Puritan B. P. Co., Hamilton.	
" 27	"	52486	Marshall Hardware Co., Brooks.	3 "	5	Price's B. P. Co., Chicago.	
" 28	"	52487	J. Todd & Co., Medicine Hat.	3 "	75	Gold Standard Mfg. Co., Winnipeg.	
" 28	"	52488	Taylor Bros., "	3 "	75	E. W. Gillett Co., Ltd., Toronto.	
" 29	"	52489	The Good Co., Lethbridge..	3 "	60	F. F. Dalley, Ltd., Hamilton.	
" 29	"	52490	Geo. Kerr & Co., "	3 "	90	A. Schilling & Co., San Francisco.	

DISTRICT OF ROCKY MOUNTAINS—

July 5	Baking Powder.	68253	Joy Bros., Nelson.....	3 tins.	75	Egg-O B. P. Co.....	
" 5	"	68254	" "	3 "	75	E. W. Gillett Co., Toronto.	
" 5	"	68255	" "	3 "	75	Price's B. P. Co., Chicago.	
" 24	"	68257	T. P. Rogers, Rossland....	3 "	1.05	W. A. Jameson, Coffee Co., Victoria.	
" 24	"	68258	" "	3 "	75	Blue Ribbon Ltd, Winnipeg.	
" 24	"	68259	" "	3 "	75	W. H. Malkin Co., Vancouver.	
" 24	"	68267	Gembleton Grocery Co., Rossland.	3 "	75	"	
" 24	"	68268	" "	3 "	1.05	Mayell & Co., Toronto.	
Aug. 7	"	68272	Morrin Thompson & Co., Phoenix.	3 "	1.00	Empress Mfg. Co., Vancouver.	
" 15	"	68273	Armstrong Dept. Store, Merritt.	3 "	1.50	Royal B. P. Co., New York.	

DISTRICT OF VANCOUVER—

July 4	Baking Powder.	55644	McCulloch Bros., 422 Hastings St. E., Vancouver.	3 cans.	60	Egg-O B. P. Co., Hamilton.	
" 4	"	55645	" "	3 "	75	Price's B. P. Co., Chicago.	
" 4	"	55646	" "	3 "	60	E. W. Gillett Co., Toronto.	
" 4	"	55647	" "	3 "	60	Kelly Douglas & Co., Ltd., Vancouver.	
" 4	"	55648	London Grocery Co., Gore Ave. and Hastings St. E., Vancouver.	3 "	1.20	Royal B. P. Co., New Jersey.	
" 4	"	55649	" "	3 "	45	White Star Mfg. Co., Winnipeg.	
" 4	"	55650	" "	3 jars.	15	F. F. Dalley Co. Ltd., Hamilton.	
" 4	"	55651	" "	3 cans.	30	Coledyke B. P. Co., Winnipeg.	
" 4	"	55653	J. J. Fitzpatrick, 4195 Main St., South Vancouver.	3 "	60	W. H. Malkin Co. Ltd., Vancouver.	
" 4	"	55654	S. T. Wallace, 44 Hastings St. W., Vancouver.	3 "	60	Empress Mfg. Co., Vancouver.	

BAKING POWDER.

Inspector's Report. (Is not an expression of opinion.)	Brand.	Results of Analysis.			No. of Sample.	Remarks and opinions of the Chief Analyst.
		Carbon Dioxide Available.	Character of Powder.	Claim on Label.		
<i>Concluded.</i>						
		p. c.				
Puritan " ...	Puritan.....	15.04	Alum phosphate.....		52485	
Dr. Price's Cream Brand.	Dr. Price's Cream.	12.16	Cream of tartar.....		52486	
Gold Standard Brand.	Gold Standard....	11.28	Alum phosphate.....		52487	
Magic Brand.....	Magic.....	13.96	Acid "		52488	
Kitchen " ...	Kitchen.....	12.28	Alum, trace of phosphate.		52489	
White Cross Brand	White Cross.....	11.56	Cream of tartar.....		52490	

THOS. PARKER, INSPECTOR.

Egg-O Brand....	Egg-O.....	12.68	Alum phosphate.....	68253
Magic " ...	Magic.....	11.72	Acid "	68254
Dr. Price's Brand.	Dr. Price's.....	12.64	Cream of tartar.....	68255
Featherlight " ...	Featherlight..	11.64	Alum phosphate.....	68257
Blue Ribbon " ...	Blue Ribbon....	14.40	" "	68258
Malkin's Best " ...	Malkin's Best....	14.20	Acid "	68259
Golden Crust " ...	Golden Crust....	15.68	Alum "	68267
Art " ...	Art.....	12.16	" "	68268
Empress " ...	Empress.....	12.36	" "	68272
Royal " ...	Royal.....	14.04	Cream of tartar.....	68273

C. S. EMES, INSPECTOR.

Egg-O Brand....	Egg-O.....	11.68	Alum phosphate.....	55644
Dr. Price's Cream Brand.	Price's.....	12.20	Cream of Tartar.....	55645
Magic Brand.....	Magic.....	12.84	Acid phosphate.....	55646
Nabob " ...	Nabob.....	13.56	Alum "	55647
Royal " ...	Royal.....	11.92	Cream of tartar.....	55648
White Star Brand.	White Star.....	11.44	Alum phosphate.....	55649
English Cream Brand.	English Cream....	10.88	Alum.....	55650
Coledyke Brand...	Coledyke.....	7.88	Alum phosphate.....	55651
Malkin's Best " ...	Malkin's Best....	12.56	Acid "	55653
Empress " ...	Empress.....	12.28	Alum "	55654

Below proposed standard.

