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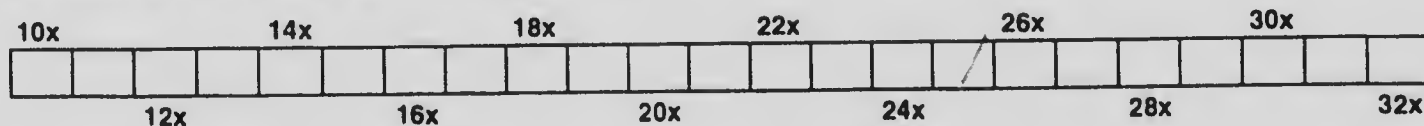
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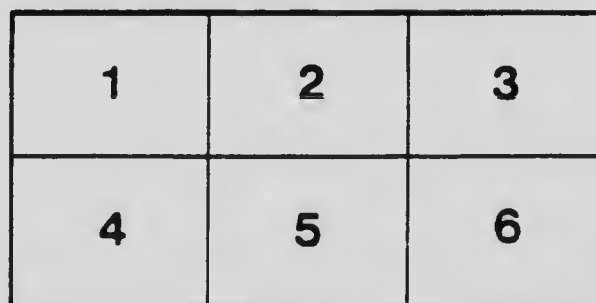
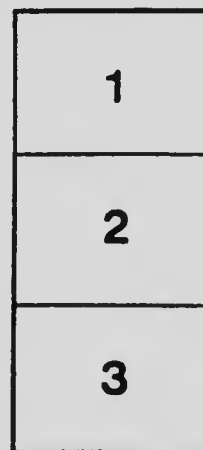
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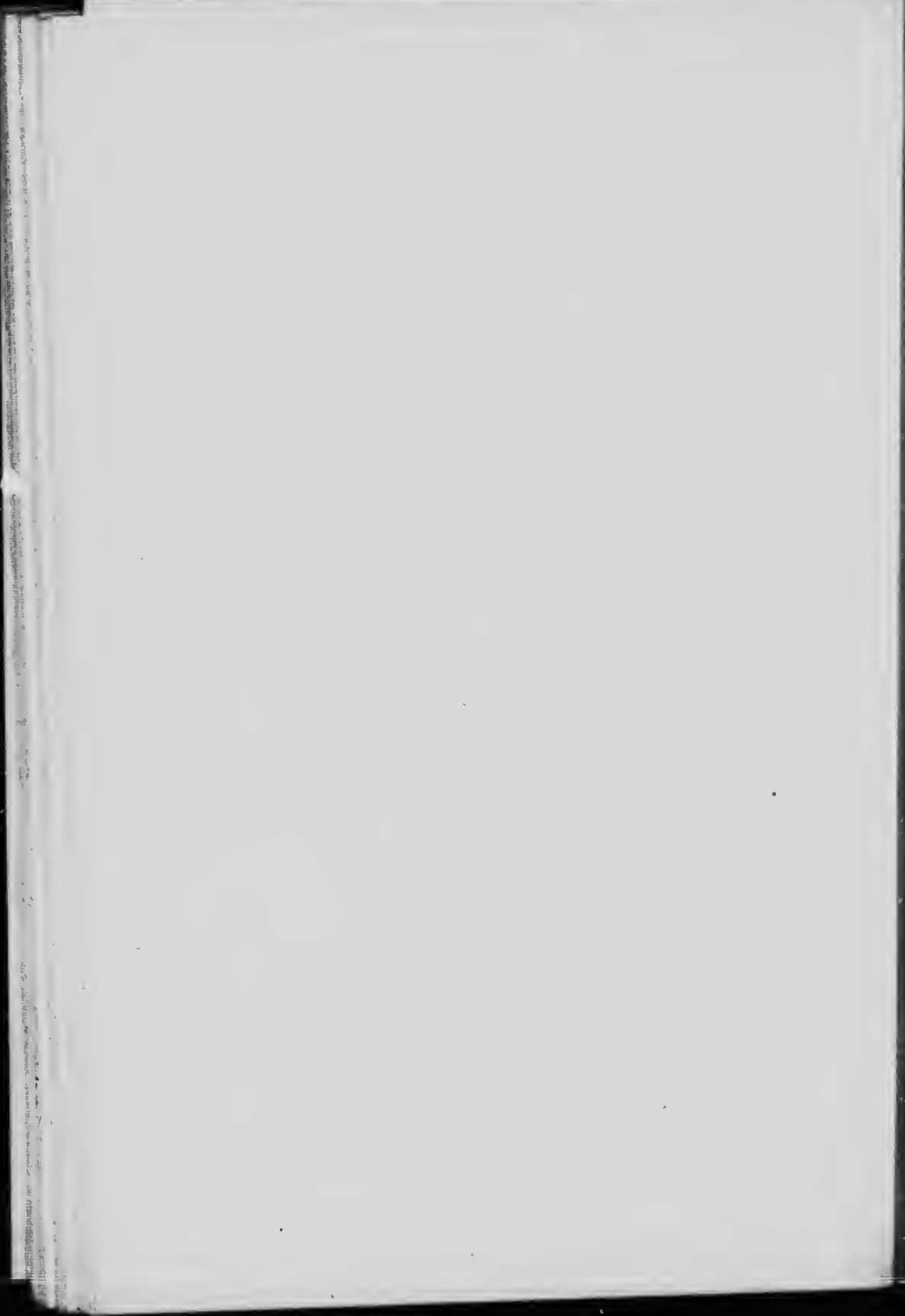
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O. H. M. S.

*W. J. Gerald*  
*Deputy Minister.*

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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA

BULLETIN No. 204

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Canned Soup.

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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANAD

BULLETIN No. 204

Canned Soup.

OTTAWA, March 24, 1910.

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

SIR,—I beg to hand you a report upon 150 samples, purchased throughout Canada, in December last, as Canned Soup.

With two exceptions, due to carelessness of the inspectors, these articles are correctly named. The exceptions are No. 38866 and 42763; both of which are dry material, put up in paper, and should not have been accepted for purposes of this inspection.

Complaints have been received from time to time, making mention of the following objections in Canned Soups:—

1. Corrosion of the can.
2. Unsoundness of the contents.
3. Discoloration
4. Substitution of other material than that designated on the label, In particular to the substitution of other flesh than chicken (or fowl) in so-called chicken soup.

As to the condition of the can, the samples now reported may be classified as follows:—

	Samples.
Can distinctly corroded .....	7
“ slightly “ .....	3
“ in fair condition .....	14
“ in good “ .....	124
Paper wrappers.....	2
Total.....	150

Corrosion of the can proceeds in the first place from imperfect tinning, but is naturally intensified by the acidity of the contents. In most cases the contents are faintly acid, but generally in so slight a degree as to make quantitative expression of the acidity difficult and unnecessary. In eight (8) samples, the acidity was sufficiently marked to permit of exact determination, and was found to represent percentages of

acetic acid (weight in volume) varying from 0.046 to 0.225. Marked corrosion was noted in only one of these eight samples (0.072 acid) and slight corrosion in another (0.127). It is evident, however, that as corrosion due to acidity proceeds, the acid is neutralized, and a fairly high acidity in the fresh soup, may be compatible with strict neutrality in the same sample, after long keeping. In this case, iron goes into solution, (with possible traces of tin or lead). The discoloration complained of is usually due to solution of iron, which, however, can have no poisonous effects. Lead was not found in any sample; but traces of tin were noted in four (4) samples. The amount was too small to have any physiological significance.

As regards the soundness of the contents, these were found to be good in 137 samples, and slightly unsound in 11 samples. In none, however, had decomposition proceeded far enough to be regarded as spoiled, or made dangerous in use.

Some years ago, I made an attempt to distinguish between chicken flesh and veal, (or other substitute) in soups. The results of this examination were so unsatisfactory that further work must be done before a definite pronouncement in the matter can be made.

This is the first time that canned soup has been made the subject of inspection under the Adulteration Act. In the absence of legal standards for the article, and of any established violation of the terms of the Act, I am unable to describe any of the samples herein reported, as being technically adulterated.

I beg to recommend publication of this report as Bulletin No. 204.

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.	
<b>DISTRICT OF NOVA SCOTIA—</b>						
1909.						
Dec. 7	Canned Soup	41771	John Tobin & Co., Halifax, N.S.	3 tins.	30	Franco-Am. Food Co., Jersey City, U.S.
" 7	"	41772	Bauld Bros., Ltd., Halifax, N.S.	3 "	30	Jos. Campbell & Co., Camden, New Jersey, U.S.
" 7	"	41773	J. Frank Crowe & Co., Halifax, N.S.	3 "	30	Libby, McNeil & Libby, Chicago, Ill.
" 7	"	41774	A. & W. Smith & Co., Halifax, N.S.	3 "	30	Van Camp Packing Co., Indianapolis, U.S.A.
" 7	"	41775	Wentzell's, Ltd., Halifax, N.S.	3 "	35	Libby, McNeil & Libby, Chicago, Ill.
" 13	"	41786	J. H. Barsz, Wolfville, N.S.	3 "	35	Jos. Campbell & Co., Camden, New Jersey, U.S.
" 15	"	41787	Colin McNab & Co., Dartmouth, N.S.	3 "	45	Van Camp Packing Co., Indianapolis, U.S.
" 15	"	41788	G. A. Ormon, Dartmouth, N.S.	3 "	38	Libby, McNeil & Libby, Chicago, Ill.
" 15	"	41789	Cobman & Eisener, Dartmouth, N.S.	" "	45	Jos. Campbell & Co., Camden, N. J., U.S.
" 15	"	41790	Forsyth, Jr., Dartmouth, N.S.	3 "	45	Armour, Ltd., Toronto.....
<b>DISTRICT OF PRINCE EDWARD ISLAND—</b>						
Dec. 6	Canned Soup	38583	A. Currie	3 tins.	42	Jos. Campbell & Co., Camden, N.J., U.S.
" 8	"	38584	R. H. Jenkins, Charlottetown	3 "	90	Franco-Am. Food Co., New Jersey, U.S.
" 10	"	38585	Brace & McKay, Summerside	3 "	45	The Van Camp Packing Co., Indianapolis, U.S.
" 19	"	38586	" "	3 "	39	W. A. Laird, Summerside...
" 10	"	38587	Sanderson & Co., Charlottetown	3 "	90	Crosse & Blackwell, London, Eng.
" 15	"	38588	M. Duffey & Co., Charlottetown	3 "	45	Libby, McNeil & Libby, Chicago, Ill.
" 15	"	38589	John McKenna, Charlottetown	3 "	75	H. J. Heinz Co., Pittsburg, U.S.
" 16	"	38590	Beer & Goff, Charlottetown	3 "	90	C. & E. Morton, London, Eng.
" 16	"	38591	Stewart & Son, Charlottetown	3 "	45	Jos. Campbell & Co., Camden, N.J., U.S.
" 16	"	38592	J. T. McDonald, Charlottetown	3 "	45	Libby, McNeil & Libby, Chicago.
<b>DISTRICT OF NEW BRUNSWICK—</b>						
Dec. 3	Canned Soup	39598	H. W. Cole, Ltd., St. John, N.B.	3 tins.	30	Jos. Campbell Co., Camden, N.J., U.S.
" 3	"	39599	Baird & Peters, St. John, N.B.	3 "	119	Franco-Am. Food Co., Jersey City, N.J., U.S.
" 8	"	39600	G. E. Barbour Co., Ltd., St. John, N.B.	3 "	30	John Campbell Co., Camden, N.J., U.S.
" 14	"	39601	Geo. T. Whelpley, Fredericton, N.B.	3 "	45	Franco-Am. Food Co., Jersey City Heights, N.J., U.S.
" 16	"	39602	Inches & Grimmer, St. Stephen, N.B.	3 "	45	Joseph Campbell Co., Camden, N.J., U.S.
" 17	"	39603	Yerxa Grocery Co., Woodstock, N.B.	3 "	40	Van Camp Packing Co., Indianapolis, U.S.
" 20	"	39604	Weaver & Co., Perth, N.B.	3 "	45	Jos. Campbell & Co., Camden, N.J., U.S.



CANNED SOUP.

Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.					No. of Sample.
	Condition of		Acidity of Strained Filtrate (as Acetic)	Metallic Contamin- ation.	Remarks.	
	Can.	Contents.				
<b>R. J. WAUGH, INSPECTOR.</b>						
			p. c.			
Mock turtle soup.....	Good..	Good ..	Slight.....	None .....	Beef, &c.....	41771
" .....	" .....	" .....	" .....	" .....	" .....	41772
" .....	" .....	" .....	Mere trace	" .....	" .....	41773
Cream of celery soup .....	" .....	" .....	Neutral...	" .....	Celery, &c.....	41774
Chicken soup.....	" .....	" .....	" .....	" .....	Chicken, rice, celery, &c ..	41775
Consomme soup.....	" .....	" .....	Mere trace	" .....	Clear jellied stock .....	41786
Mock turtle soup.....	" .....	" .....	Slight.....	" .....	Solid jellied beef.....	41787
" .....	" .....	" .....	Trace.....	" .....	Beef, &c.....	41788
" .....	" .....	" .....	Slight.....	" .....	" .....	41789
Savoy soup. Condensed chicken.	" .....	" .....	Neutral...	" .....	Chicken, rice, &c.....	41790
<b>THEO. MOORE, INSPECTOR.</b>						
.....	Good.....	Good.....	Trace.....	None.....	Chicken, rice, parsley.....	38583
.....	" .....	" .....	Slight.....	" .....	Beef, rice, curry powder, &c.	38594
Van Camp's concentrated mock turtle soup.	Fair.....	Not very good.	" .....	" .....	Beef, &c.....	38585
Laird's chicken soup.....	Good.....	Good.....	None.....	" .....	Chicken and jelly.....	38586
Mock turtle soup, thick .....	Corroded..	" .....	0.072	" .....	Beef tongue, &c .....	38587
Libby's Premier concentrat- ed mock turtle soup.	Good .....	" .....	Trace.....	" .....	Beef, &c.....	38588
Heinz tomato soup, prepar- ed from choice ripe to- matoes and pure sweet cream.	Slightly corroded	" .....	0.127	Trace tin.	Tomato, &c.....	38589
C. & E. Morton, oxtail soup.	Good.....	" .....	Trace.....	None.....	Beef, bone, vegetables, &c.	38590
Campbell's condensed oxtail soup.	Slightly corroded	" .....	Neutral.	" .....	Beef broth, barley, &c .....	38591
Libby's Premier concentrat- ed mock turtle soup.	Good .....	Good.....	Slight.....	" .....	Beef, onions, &c .....	38592
<b>J. C. FERGUSON, INSPECTOR.</b>						
Campbell's condensed mock turtle soup.	Good.....	Good.....	Slight....	None.....	Beef, &c.....	39598
.....	" .....	" .....	Trace.....	" .....	" .....	39599
Campbell's condensed mock turtle soup.	" .....	" .....	" .....	" .....	" .....	39600
Mock turtle.....	" .....	" .....	Slight....	" .....	" .....	39601
Campbell's condensed mock turtle soup.	" .....	" .....	Trace.....	" .....	" .....	39602
Van Camp's concentrated mock turtle soup	Slightly corroded	Not in very good shape.	Slight....	" .....	" .....	39603
Campbell's condensed mock turtle soup.	Good.....	Good.....	" .....	" .....	" .....	39604

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.	

## DISTRICT OF NEW BRUNSWICK—

1910.						
Jan.	4 Canned Soup	38665	The Sussex Mercantile Co., Ltd., Sussex, N.B.	3 tins.	36	The Wm. Davies Co., Ltd. Toronto.
"	5 "	38666	F. P. Reid & Co., Moncton, N.B.	3 "	36	Armour, Ltd., Toronto.
"	8 "	38667	McKenzie & Fruesman, Campbellton, N.B.	3 "	45	Jos. Campbell Co., Camden, N.J.

## DISTRICT OF QUEBEC—

1909.						
Dec.	22 Canned Soup	36667	A. Drolet, 714 Rue St. Valier.	3 tins.	45	Jno. Campbell, New Jersey.
"	22 "	36668	Jos. Falardeau, 271 Rue St. Joseph.	3 "	60	Heinz's, Pittsburgh, N.J.
"	22 "	36669	" " "	3 "	45	J. B. Renaud, Quebec.
"	22 "	36670	" " "	3 "	45	J. A. Chabot, Quebec.
"	22 "	36671	C. Riverin, 55 Rue de la Couronne.	3 "	45	Langlois & Paradis, Quebec.
"	22 "	36672	" " "	3 "	45	" " "
"	22 "	36673	" " "	3 "	45	" " "
"	22 "	36674	" " "	3 "	45	" " "
"	22 "	36675	R. Riverin, 55 Rue de la Couronne.	3 "	45	" " "
"	22 "	36676	" " "	3 "	45	" " "

## DISTRICT OF ST. HYACINTHE—

D.c.	7 Canned Soup	38859	J. P. Paul, Sorel.	3 tins.	45	The West Lorne Canning & Evap. Co., West Lorne, Ont.
"	9 "	38860	L. E. I. Choquette, Farnham.	3 "	54	H. J. Heinz Co., Pittsburgh.
"	10 "	38861	R. Goad, St. Jean.	3 "	30	Armour, Ltd., Toronto.
"	20 "	38862	A. McLean & Riddie Bros., Danville.	3 "	30	" " "
"	20 "	38863	S. L. Gibson, Danville.	3 "	45	J. Campbell Co., Camden, N.J., U.S.
"	20 "	38864	A. J. Hudson, Richmond.	3 "	45	" " "
"	21 "	38865	B. E. Goyette, Magog.	3 "	30	Simcoe Canning Co., Simcoe.
"	21 "	38866	H. Chamberlain, Magog.	3 "	15	W. Paul, Agt., Montreal.
"	21 "	38867	W. Murray & Co., Sherbrooke.	3 "	45	Libby McNeill & Libby, Chicago.
"	25 "	38868	Thos. Hebert, St. Hyacinthe.	3 "	45	J. Campbell Co., Camden, N.J., U.S.

CANNED SOUP.

Inspector's Report. (Is not an expression of opinion)	RESULTS OF ANALYSIS.				No. of Sample.	
	Condition of		Acidity of Strained Filtrate (as Acetic)	Metallic Contami- nation.		Remarks.
	Can.	Contents.				

J. C. FERGUSON, INSPECTOR—*Concluded.*

	Can.	Contents.	p. c.		Remarks.	No. of Sample.
			Trace	None		
Davies condensed soups, mock turtle	Good	Good	Trace	None	Beef, barley, turnips, car- rots, &c.	39005
Savoy soups. Condensed mock turtle.	"	"	Slight	"	Beef, jellied	39006
Campbell's condensed mock turtle soup.	"	"	"	"	Beef, &c.	39007

E. BELAND, INSPECTOR.

	Can.	Contents.	p. c.		Remarks.	No. of Sample.
			Trace	None		
	Fair	Good	Slight	None	Beef, &c.	36667
	"	Fair	0 098	"	Tomato	36668
	Good	Good	0 061	"	"	36669
	"	"	Trace	"	Clear broth	36670
	"	"	"	"	Beef, &c.	36671
	"	"	Neutral	"	Chicken, parsley, rice and onions.	36672
	"	"	Slightly	"	Barley, beans, peas, carrots, turnips, potatoes, &c.	36673
	"	"	Trace	"	Peas	36674
	"	"	0 077	Trace tin	Tomato	36675
	"	"	Trace	None	Beef, ric ery, curry, &c.	36676

J. C. ROULEAU, INSPECTOR.

	Can.	Contents.	p. c.		Remarks.	No. of Sample.
			Trace	None		
"Lorne" brand chicken	Good	Good	Tra	None	Chicken and broth	38859
"Tomato"	Fair	"	0 225	Trace tin	Tomato	38860
"Mock Turtle"	Good	"	Trace	None	Beef, vegetables	38861
"Chicken"	"	"	Neutral	"	Chicken, rice, parsley	38862
"Julienne"	"	"	Trace	"	Beef broth and chopped vegetables.	38863
"Ox Tail"	"	"	"	"	Oxtail, barley, vegetables, &c.	38864
"Chicken"	"	"	Neutral	"	Chicken	38865
"Potato"	"	"	"	"	Potato tablets, collected by mistake.	38866
"Mock Turtle"	Corroded	Fair	Slightly	Trace tin	Beef, &c	38867
"	"	Good	"	"	"	38868

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.	

## DISTRICT OF MONTREAL—

1909.						
Dec.	1	Canned Soup ...	40351 James Duncan, Lachine, P.Q.	3 tins.	45	Joseph Campbell, Camden, N.J., U.S.
"	8	" ..	40352 Gravel Freres, St. Catherine St. W., Montreal.	3 "	90	Franco Am. Food Co., Jersey City Heights, N.J.
"	8	" ..	40353 R. Walsh, Cor. St. Genevieve & Dorchester St., Montreal.	3 "	30	Van. Camp Packing, Indianapolis, Ind.
"	8	" ..	40354 Davies Ltd., Chaboliz Square, Montreal.	3 "	15	The Wm. Davies Co., Ltd., Toronto.
"	14	" ..	40355 P. Daoust, St. Anne de Belle vue, P.Q.	3 "	30	Campbells.....
"	14	" ..	40356 " " "	3 "	45	Armour's, Ltd., Toronto....
"	15	" ..	40357 J. E. Desaulniers, 1121 Lawrence B., Montreal.	3 "	25	" " .....
"	16	" ..	40358 P. Simard, St. Jerome, P.Q.	3 "	45	Campbells. ....
"	21	" ..	40359 A. Girard, 293 St. Antoine St., Montreal.	3 "	25	W. Clark, Montreal....
"	21	" ..	40360 Beauvais & Lalonde, 482 James St., Montreal.	3 "	60	Heinz.....

## DISTRICT OF OTTAWA—

Nov.	24	Canned Soup. ...	42846 C. B. McLean, Ottawa.....	3 tins.	30	The Wm. Davies Co., Ltd., Toronto.
Dec.	4	" ..	42847 Ellis Bros., Ottawa . . . . .	3 "	45	Unknown.....
"	6	" ..	42848 C. Moreland, Bank St., Ottawa	3 "	35	The Wm. Davies Co., Ltd., Toronto.
"	6	" ..	42849 A. L. Pinard & Sons, Ottawa...	3 "	75	Hindon Hebert et Cie, Montreal.
"	11	" ..	42850 Bennett & Code, Carleton Place	3 "	40	Unknown.....
"	15	" ..	42851 Kavanagh Bros., Ottawa.....	3 "	90	Crosse & Blackwell, London, Eng.
"	15	" ..	42852 A. E. Rea Ltd., Ottawa. ....	3 "	37	Unknown.....
"	15	" ..	42853 C. Moreland, 184 Sparks St., Ottawa.	3 "	75	Henri Jonas, Montreal.....
"	16	" ..	42854 W. Hyndman, Smiths Falls...	3 "	38	Robertson Nichole & Co., Smiths Falls.
"	18	" ..	42855 P. Lamoureux, Ottawa... ..	3 "	38	Unknown.....

## DISTRICT OF KINGSTON—

Nov.	29	Canned Soup. ...	42762 P. A. Haffner, Kingston ...	3 tins.	38	Libby McNeill & Libby, Chicago, Ill.
"	29	" ..	42763 J. McCulla, Kingston.....	3 "	30	W. Symington Co., Bowdan Marborough, Eng.
"	30	" ..	42764 A. Glover, Kingston.....	3 "	45	H. J. Heinz, Pittsburg . .
Dec.	1	" ..	42765 Wallbridge & Clarke, Belleville, Ont.	3 "	45	Campbell, Camden, N.J. ...
"	1	" ..	42766 " " "	3 "	45	Van Camp, Indianapolis, U.S.

CANNED SOUP.

Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.				Remarks.	No. of Sample.
	Condition of		Acidity of Strained Filtrate (as Acetic)	Metallic Contami- nation.		
	Can.	Contents.				

J. COSTIGAN, INSPECTOR.

			p. c.			
Campbells "Mock Turtle".	Good	Good	Trace	None	Beef, &c	40351
" "	"	"	Slightly	"	"	40352
" "	Fair	Fair	"	"	"	40353
" "	Good	Good	"	"	Beef, turnips, carrots, bar- ley, &c.	40354
"Consonme"	"	"	Trace	"	Clear broth	40355
"Tomato"	"	"	Slightly	"	Tomato	40356
"Mock Turtle"	Corroded.	Fair	Trace	"	Beef, &c	40357
"Ox Tail"	Fair	"	"	"	Beef bone, barley, &c.	40358
"Mock Turtle"	Corroded.	Good	Slightly	"	Beef, &c	40359
"Tomato"	Fair	Good	0.054	"	Tomato	40360

J. A. RICKEY, INSPECTOR.

Davies "Mock Turtle"	Good	Good	Trace	None	Beef, turnips, barley, &c	42846
Campbells "Mock Turtle"	"	"	"	"	Beef, vegetables	42847
Davies "Mock Turtle"	"	"	"	"	Barley, carrots turnips, &c.	42848
Franco Am. "Mock Turtle"	"	"	"	"		42849
Van. Camps "Mock Turtle"	Corroded.	Fair	Slightly	"		42850
Crosse & Blackwell "Mock Turtle"	Good	Good	"	"	Pork and vegetables	42851
Campbells "Mock Turtle"	Fair	Fair	"	"	Beef and vegetables	42852
"Mock Turtle"	Good	Good	Trace	"		42853
Libby's "Mock Turtle"	Fair	"			Beef and vegetables	42854
Armours "Ox Tail"	Good	"	"	"	Beef, bone and vegetable	42855

JAS. HOGAN, INSPECTOR.

	Good	Good	Slight	None	Vegetables, all sorts	42762
					Collected by mistake. Soup powder, tomato.	42763
	Good	Good	Acid	None	Tomato	42764
	"	"	"	"		42765
	"	"	0.046	"	Clear broth	42766

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.	
<b>DISTRICT OF KINGSTON—</b>						
1900.						
Dec. 1	Canned Soup...	42767	Hugh Crozier, Cobourg...	3 tins.	38	Libby McNeill & Libby, Chicago, Ill.
" 1	" ..	42768	N. Burnet, Cobourg.....	3 "	38	Campbell, Camden, N.J.....
" 1	" ..	42769	J. Curtis, Port Hope.....	3 "	38	" ..
" 2	" ..	42770	S. A. Oke, Peterboro.....	3 "	30	Davies Co., Toronto.....
" 2	" ..	42771	R. A. Dutton, Peterboro .....	3 "	30	" .....
<b>DISTRICT OF TORONTO—</b>						
Dec. 1	Canned Soup...	41411	J. A. Brown, Collingwood...	3 tins.	25	T. Long Bros., Ltd., Collingwood.
" 3	" ..	41412	McLaughlan & Sons Co., Ltd., Owen Sound.	3 "	30	The Armour Canning Co., Chicago, U.S.
" 8	" ..	41413	J. H. Marshall, Niagara Falls.	3 "	45	The Van Camp Packing Co., Indianapolis, U.S.
" 16	" ..	41414	The W. H. Merriman Co., St. Catharines.	3 "	30	Joseph Campbell Co. Camden, N. J., U. S.
" 18	" ..	41415	W. Joyce, Oakville.....	3 "	35	Wm. Clark, Montreal. ....
" 21	" ..	41416	The Wm. Davies Co., Ltd., Toronto.	3 "	30	Vendors.....
" 21	" ..	41417	Perkins Ince Co., Ltd., Toronto	3 "	45	Aylmer Canning Co., Ltd., Aylmer.
" 22	" ..	41418	J. W. Schultz, Toronto.....	3 "	30	The F. R. Lalor Canning Co. Ltd., Dunville.
" 23	" ..	41419	Fred. Cox, Toronto ... ..	3 "	45	H. J. Heinz Co., Pittsburgh.
" 23	" ..	41420	Grand Valley Produce Co., Toronto.	3 "	45	Libby McNeill & Libby, Chicago, Ill.
<b>DISTRICT OF LONDON—</b>						
Dec. 7	Canned Soup...	30874	A. J. Groom, Guelph.....	3 tins.	45	Sensen & Co., Guelph. ....
" 8	" ..	30875	Dunkee & Co., Berlin .....	3 "	45	Joseph Campbell Co. ....
" 8	" ..	30877	Beck & Schell, Berlin.....	3 "	45	Jas. Lumbers, Toronto.....
" 9	" ..	30881	A. Beattie & Co., Stratford...	3 "	25	William Clark & Co., Montreal.
" 9	" ..	30882	" ..	3 "	45	Jas. Lumbers, Toronto .....
" 13	" ..	30895	J. McEwen, Stratford.....	3 "	30	Stratford Wholesale Grocery, Stratford.
" 13	" ..	30897	P. T. Dean.....	3 "	35	H. P. Eckert & Co., Toronto
" 13	" ..	30898	O. C. Whitley, Goderich .....	3 "	30	A. M. Smith, London. ....
" 14	" ..	30900	Sturdy & Co., Goderich .....	3 "	45	Gillard & Co., Hamilton.....
" 17	" ..	44704	Michael Durkin, Mitchell. ....	3 "	45	A. M. Smith, London, Ont..

CANNED SOUP.

Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.				No. of Sample.	
	Condition of		Acidity of Strained Filtrate (as Acetic)	Metallic Contamin- ation.		Remarks.
	Can.	Contents.				

JAS. HOGAN, INSPECTOR—*Concluded.*

			p. c.			
	Good.	Good.	Trace.	None.	Oxtail, barley, &c.	42767
	"	"	Slightly acid.	"	Tomato.	42768
		"	Trace.	"	Beef, &c.	42769
	Fair.	"	"	"	"	42770
	Good.	"	"	"	Oxtail, vegetables.	42771

H. J. DAGER, INSPECTOR.

The North Land Mfg. Co., Toronto, "Mock Turtle," Armour's "Mock Turtle."	Good.	Good.	Slight.	None.	Beef, barley, turnips, etc.	41411
Van Camp's "Chicken."	"	"	Trace.	"	Beef, etc.	41412
Cambridge's "Mock Turtle."	"	"	Neutral.	"	Chicken and rice.	41413
Clark's "Mock Turtle."	"	"	Trace.	"	Beef, etc.	41414
Clark's "Chicken."	"	"	Neutral.	"	Chicken, broth.	41415
Davis' "Mutton Broth."	"	"	Trace.	"	Mutton, barley, turnips, etc.	41416
"Chicken."	"	"	Neutral.	"	Chicken and broth.	41417
"	"	"	"	"	"	41418
Heinz Tomato Soup. Con- tains no benzoate soda or other artificial preserva- tive.	"	"	Acid.	"	Tomato.	41419
Libby's Premier "Ox Tail"	Fair.	"	Trace.	"	Beef and bone.	41420

T. KIDD, INSPECTOR.

"Mock Turtle"	Fair.	Good.	Trace.	None.	Beef, etc.	30874
"	Good.	"	"	"	"	30875
"Tomato"	"	"	Slightly	"	Tomato.	30877
"Mock Turtle"	"	"	Trace.	"	Beef, etc.	30881
"Ox Tail"	"	"	"	"	Oxtail and barley.	30882
"	"	"	"	"	Beef, etc.	30895
"	"	"	Very slight.	"	Peas, beans, carrots, par- snips, turnips, etc.	30897
"	"	"	"	"	"	30898
"Mock Turtle"	"	"	Trace.	"	Beef, etc.	30900
"	"	"	"	"	Oxtail and barley	44704

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

## DISTRICT OF WINDSOR—

1909.						
Dec.	6	Canned Soup ...	42653	H. B. Hodgkins, Aylmer, Ont	3 tins.	38 W. Clark, Montreal....
"	6	" ..	42659	J. G. Heiter, Aylmer, Ont...	3 "	40 Van Camp Packing Co., Indianapolis.
"	7	" ..	42663	W. J. Wilkins, Tillsonburg....	3 "	38 Armour Co., Ltd., Toronto..
"	7	" ..	42665	Stillwell Bros., Tillsonburg....	3 "	40 Libby's, Chicago..
"	8	" ..	42667	G. A. Curtis, Simcoe.....	3 "	40 Van Camp Packing Co., Indianapolis.
"	8	" ..	42669	Geo. H. Widner, Simcoe .....	3 "	30 Armour Co. Ltd., Toronto...
"	9	" ..	42682	A. L. Vanstone, Brantford....	3 "	38 Van Camp Packing Co., Indianapolis.
"	9	" ..	42684	J. T. Wallace, Brantford... ..	3 "	75 Lipton, Ltd., London, Eng..
"	10	" ..	42687	F. C. Toon, London, Ont.....	3 "	5 Jos. Campbell Co., Camden, N. J., U.S.
"	10	" ..	42692	T. A. Rowat & Co., London, Ont.	3 "	45 Columbia Conserve Co., Indianapolis.

## DISTRICT OF MANITOBA—

Dec.	9	Canned Soup ...	39851	J. O'Hare, Winnipeg.....	3 tins.	30 The Van Camp Packing Co., Indianapolis, U. S.
"	9	" ..	39852	J. Grant, Winnipeg.....	3 "	38 " "
"	9	" ..	39853	A. W. Smith, Winnipeg.....	3 "	40 " "
"	10	" ..	39854	A. R. Christie, Winnipeg.....	3 "	40 " "
"	10	" ..	39855	H. E. Weldon & Co., Winnipeg	3 "	40 " "
"	13	" ..	39856	J. Paterson, Winnipeg. ....	3 "	40 " "
"	16	" ..	39857	Wm. Mahoney, Winnipeg.....	3 "	45 " "
"	16	" ..	39858	The Hardy Buchanan Co., Winnipeg.	3 "	40 " "
"	21	" ..	39859	The Steen Copeland Co., Dauphin.	3 "	45 " "
"	22	" ..	39860	J. Paterson, Winnipeg.....	3 "	40 " "

## DISTRICT OF CALGARY—

Dec.	10	Canned Soup...	43611	H. W. Ireland Co., Medicine Hat.	3 tins.	45 Van Camp Packing Co., Indianapolis,
"	10	" ..	43612	R. Dunn, Medicine Hat .....	3 "	60 " "
"	11	" ..	43613	Spencer & Todd, Medicine Hat	3 "	60 " "
"	11	" ..	43614	H. Morrow, Medicine Hat....	3 "	45 Joseph Campbell Co., Camden, N.J.
"	30	" ..	43615	Hudson's Bay Co., Lethbridge,	3 "	1.05 Libby, McNeil & Libby, Chicago.
"	30	" ..	43616	Bentley Co., Ltd., Lethbridge.	3 "	1.06 Crosse & Blackwell, London, Eng.



CANNED SOUP.

Inspector's Report (Is not an expression of opinion.)	RESULTS OF ANALYSIS.				Remarks.	No. of Sample.
	Condition of		Acidity of Strained Filtrate (as Acetic)	Meta'lic Contamin- ation.		
	Can.	Contents.				

JNO. TALBOT, INSPECTOR.

			p. c.			
Clark's Concentrated 'Mock Turtle.	Corroded..	Poor.....	Slightly	None.....	Mock Turtle.....	42653
"Mock Turtle"	Fair.....	".....	Trace.....	".....	".....	4265
Savoy Soups. "Chicken" Gumbo.	Good.....	Good.....	".....	".....	Chicken and vegetables...	42663
Libby's Concentrated "Chicken."	".....	".....	Neutral...	".....	Chicken and rice.....	42665
Van Camp's Concentrated "Mock Turtle."	".....	".....	Slight.....	".....	Beef, etc.....	42667
Savoy Soups. "Green Peas."	".....	".....	Trace.....	".....	Green Peas.....	42669
Van Camp's Concentrated "Clam Chowder."	".....	".....	Slight.....	".....	Broth and vegetables.....	42682
Lipton's Superior "Mock Turtle."	".....	".....	Trace.....	".....	Mock turtle.....	42684
Campbell's Condensed 'To- mato.'	".....	".....	Slight.....	".....	Tomato.....	42687
Columbia highest grade "Mock Turtle."	".....	".....	".....	".....	Vegetables and beef.....	42692

A. C. LARIVIERE, INSPECTOR.

"Tomato".....	Good.....	Good.....	Slight.....	None.....	Tomato.....	39851
"Mock Turtle".....	".....	".....	Trace.....	".....	Mock Turtle.....	39852
".....	".....	".....	".....	".....	".....	39853
".....	".....	".....	".....	".....	".....	39854
".....	".....	".....	".....	".....	".....	39855
".....	".....	".....	".....	".....	".....	39856
".....	".....	".....	Slight.....	".....	".....	39857
".....	".....	".....	Trace.....	".....	".....	39858
".....	".....	".....	".....	".....	Beef and vegetables.....	39859
".....	".....	".....	Slight.....	".....	Mock Turtle.....	39860

R. W. FLETCHER, INSPECTOR.

.....	Fair.....	Good.....	Slight.....	None.....	Mock Turtle.....	43611
.....	Good.....	".....	".....	".....	".....	43612
.....	".....	".....	Trace.....	".....	".....	43613
.....	".....	".....	".....	".....	Vegetables.....	43614
.....	".....	".....	Slight.....	".....	Beef and vegetables.....	43615
.....	".....	".....	Trace.....	".....	Pork, &c.....	43616

Date of Collection.	Name 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.	
<b>DISTRICT OF CALGARY—</b>						
1910						
Jan.	5 Canned Soup...	43617	Hallier & Aldridge, Edmonton	3 tins.	45	Van Camp Packing Co., Indianapolis.
"	5 " "	43618	J. H. Morris & Co., Edmonton	3 " "	45	Libby, McNeil & Libby, Chicago.
"	5 " "	43619	Capital Mer. Co., Edmonton	3 " "	45	W. Clarke, Montreal.
"	5 " "	43620	City Grocery Co., Edmonton	3 " "	75	Franco-Am. Food Co., Jersey City Heights, N.J.
<b>DISTRICT OF VANCOUVER—</b>						
1909.						
Dec.	9 Canned Soup...	37778	C. A. Welch, New Westminster.	3 tins.	40	Van Camp Packing Co., Rochester, N.Y.
"	" "	37779	T. S. Annandale, New Westminster.	3 " "	40	" " " "
"	9 " "	37780	Geo. Adams, New Westminster.	3 " "	40	California Fruit Growers' Assoc.
"	9 " "	37781	West End Grocery, New Westminster.	3 " "	25	Libby, McNeil & Libby, Chicago, Ill.
"	9 " "	37782	Kelly, Douglas & Co., Vancouver.	3 " "	40	Armours, Ltd, Chicago, Ill.
"	10 " "	37783	Hudson Bay Co., Vancouver.	3 " "	30	Jos. Campbell Co., New Jersey.
"	10 " "	37784	Leeson, Dickie Co., Vancouver	3 " "	40	Wm. Davis Co.
"	10 " "	37785	W. H. Malkin & Co., Vancouver.	3 " "	50	Crosse & Blackwell
"	10 " "	37786	Woodwards Dept. Store, Vancouver.	3 " "	30	N. J. Heinz & Co., Pittsburgh, Pa.
"	10 " "	37787	A. Macdonald & Co., Vancouver.	3 " "	30	W. Clark, Montreal
<b>DISTRICT OF VICTORIA—</b>						
Dec.	10 Canned Soup	41584	Windsor Grocery Co., Victoria, B.C.	3 tins.	40	Van Camp Packing Co., Indianapolis, U.S.A.
"	10 " "	41585	W. Speed, Victoria, B.C.	3 " "	35	" " " "
"	10 " "	41586	The Saunders Grocery Co., Ltd., Victoria, B.C.	3 " "	40	Joseph Campbell Co., Camden, N.J.
"	10 " "	41587	The Saunders Grocery Co., Ltd., Victoria, B.C.	3 " "	35	Wm. Davies Co., Ltd., Toronto.
"	13 " "	41588	Harrison & McDonald, Victoria, B.C.	3 " "	45	Aylmer Canning Co., Ltd., Hamilton, Ont.
"	13 " "	41589	Aeton Bros., Victoria, B.C.	3 " "	40	Crosse & Blackwell, London, Eng.
"	14 " "	41590	The West End Grocery Co., Ltd., Victoria, B.C.	3 " "	40	Joseph Campbell Co., Ltd., Camden, N.J.
"	14 " "	41591	E. G. Bailey, Victoria, B.C.	3 " "	30	The Wm. Davies Co., Ltd., Toronto.
"	11 " "	41592	D. H. Ross & Co., Victoria, B.C.	3 " "	1.00	Brand & Co., London, Eng.
"	14 " "	41593	A. Pool, Victoria, B.C.	3 " "	75	Wm. Clark, Montreal

CANNED SOUP.

Inspector's Report. (Is not an expression of opinion).	RESULTS OF ANALYSIS.				Remarks.	No. of Samples.
	Condition of		Acidity of Strained Filtrate (as Acetic)	Metallic Contamin- ation.		
	Can.	Contents.				

R. W. FLETCHER, INSPECTOR—*Concluded.*

			p.c.			
	Good.....	Good.....	Trace.....	None.....	Beef, &c.....	43617
	".....	".....	Slight.....	".....	Mock Turtle.....	43618
	".....	".....	".....	".....	Beef, &c.....	43619
	".....	".....	Trace.....	".....	".....	43620

J. F. POWER, INSPECTOR.

Chicken Soup.....	Good.....	Good.....	Trace.....	None.....	Chicken and rice.....	37778
Mock Turtle.....	".....	".....	Slight.....	".....	Beef, &c.....	37779
".....	".....	".....	".....	".....	".....	37780
".....	".....	".....	".....	".....	Tomato.....	37781
".....	".....	".....	Trace.....	".....	".....	37782
".....	".....	".....	".....	".....	".....	37783
".....	".....	".....	".....	".....	".....	37784
".....	".....	".....	".....	".....	".....	37785
".....	".....	".....	Acid.....	".....	Tomato.....	37786
".....	".....	".....	Slight.....	".....	".....	37787

D. O'SULLIVAN, INSPECTOR.

Van Camp's Mock Turtle Soup.....	Good.....	Good.....	Trace.....	None.....	".....	41584
Van Camp's Ox Tail.....	".....	".....	".....	".....	Ox tail and barley.....	41585
Campbell's Ox Tail.....	".....	".....	".....	".....	Ox tail.....	41586
Davies' Mulligatawny.....	".....	".....	".....	".....	Beef and vegetables.....	41587
Canada first, Chicken.....	".....	".....	Neutral.....	".....	Chicken and jelly.....	41588
C. & B. Mock Turtle.....	".....	".....	Trace.....	".....	".....	41589
Campbell's Mock Turtle.....	".....	".....	Slight.....	".....	".....	41590
Davies' Mock Turtle.....	".....	".....	Trace.....	".....	".....	41591
The A 1 Mock Turtle.....	".....	".....	Slight.....	".....	".....	41592
Superior Chicken.....	".....	".....	Trace.....	".....	Chicken and broth.....	41593

