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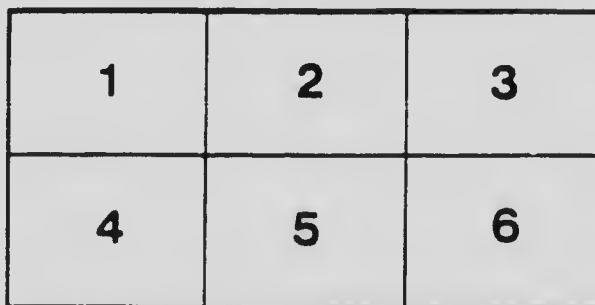
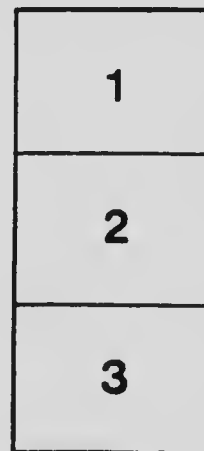
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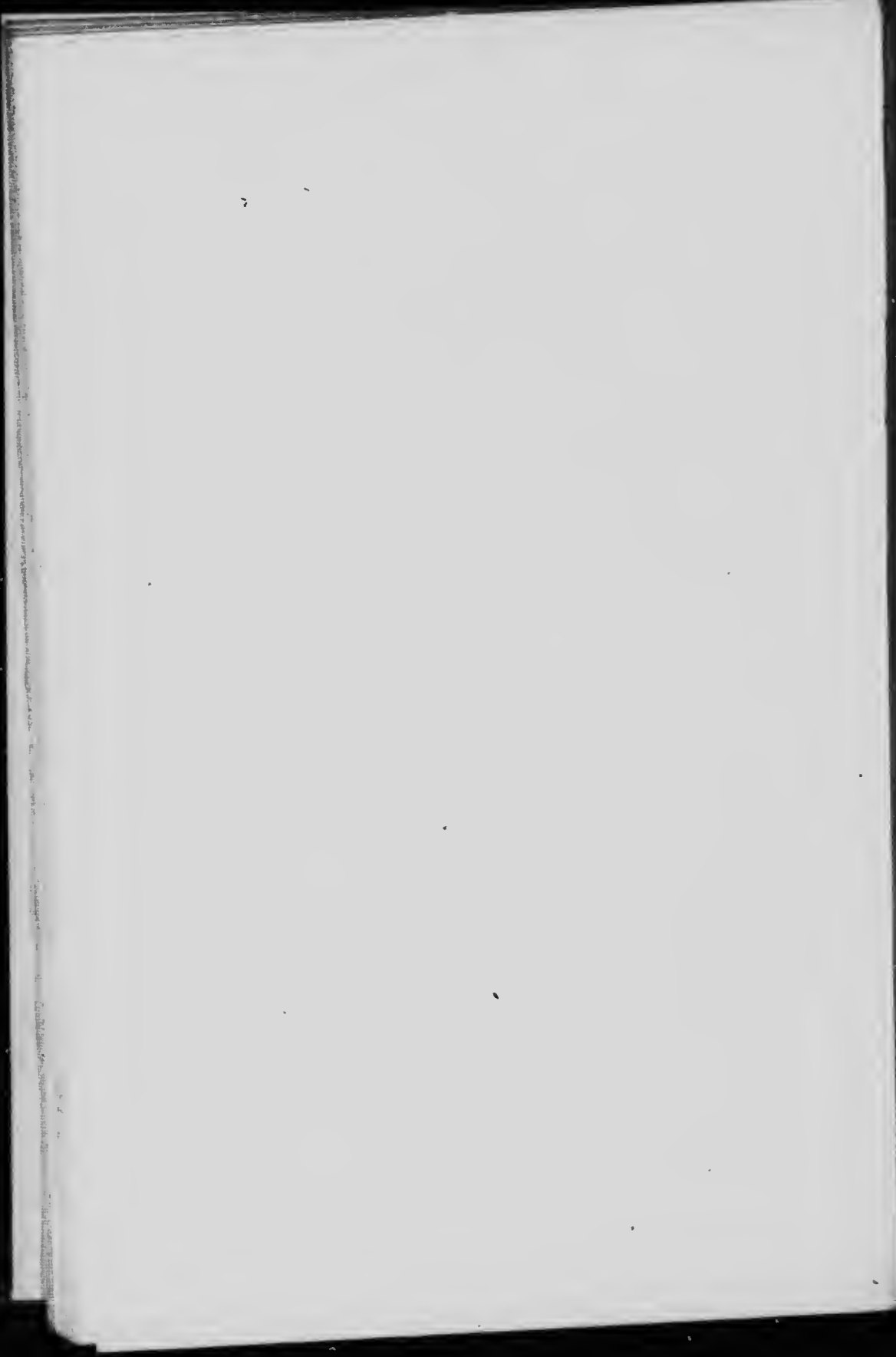
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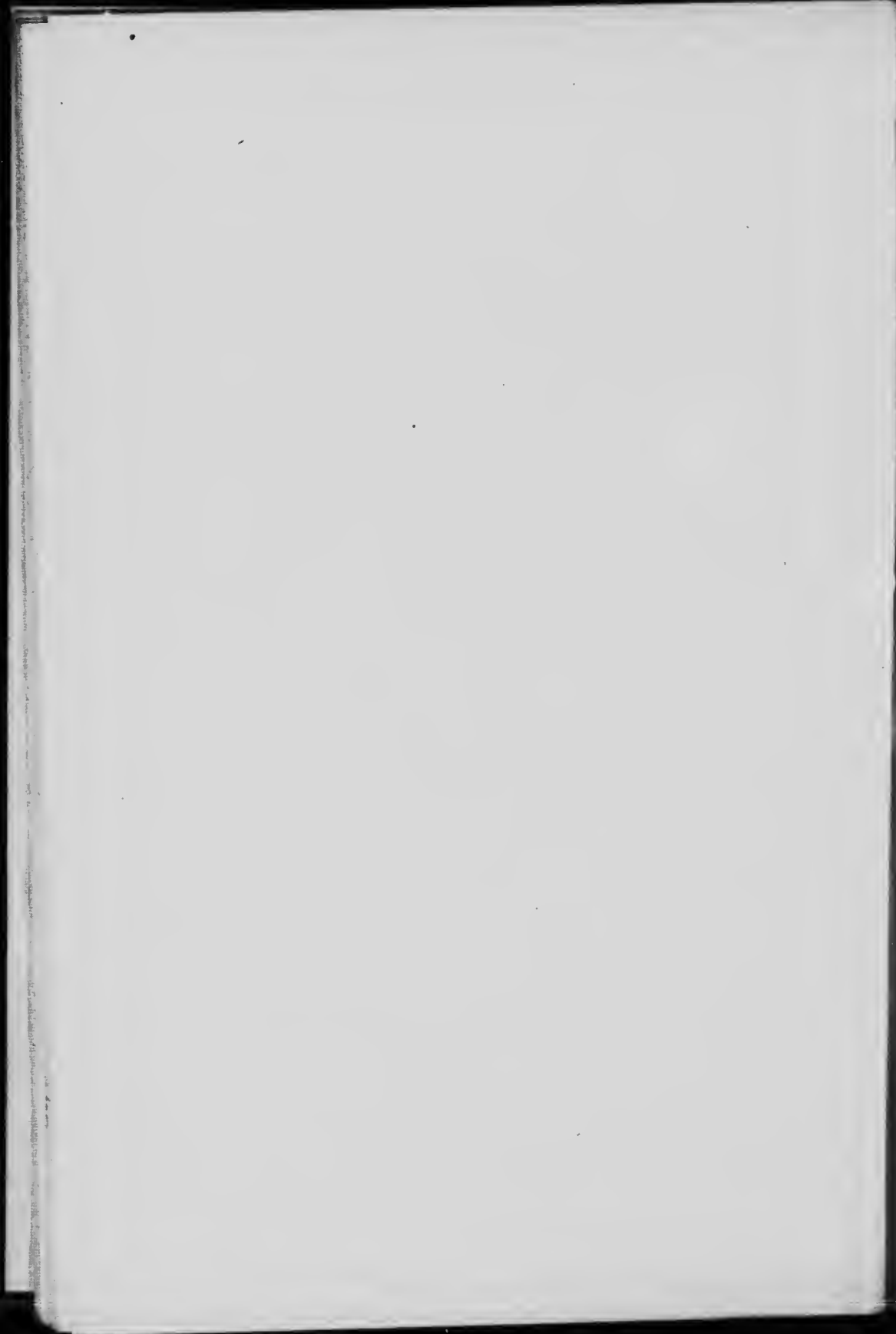
O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

—
BULLETIN No. 203
—

PEPPER.



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 203

PEPPER.

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

OTTAWA, March 21, 1910.

SIR,—I beg to hand you herewith a report upon two hundred and eighty (280) samples of pepper, collected throughout Canada in September and October of last year.

The results may be summarized thus:—

| | Black Pepper. | White Pepper. | Total |
|------------------|---------------|---------------|-------|
| Genuine..... | 100 | 104 | 204 |
| Doubtful..... | 15 | 11 | 26 |
| Adulterated..... | 25 | 24 | 49 |
| Lost..... | — | 1 | 1 |
| | 140 | 140 | 280 |

Of those samples designated as *doubtful* it is fair to say that, the small amounts of foreign matter found in most of them may be due to causes for which the manufacturer is not to blame. It is quite a usual thing for vendors to refill their containers before these are entirely emptied of stock which may have had another origin, and be of a different quality, from that last placed in them. And again, most spice grinders utter different grades of pepper, and the accidental or unintentional inter-mixture of a lower grade article is made possible by the use of the same mill, sieves, &c., in manufacture.

It will be noted that none of these samples are sold as *Compound*, although one vendor (No. 42620) is unwilling to guarantee his goods as pure.

Pepper continues to be the most extensively adulterated spice on the market. It is further to be noted that in certain districts of Canada, this spice appears to be much more largely adulterated than in others. This fact is well brought out in the following table, which summarizes the results of inspection of pepper, since 1876:—

The inspectorial districts of Ottawa and Windsor, which were created in 1905 and 1907 respectively, do not appear in the above.

The following synopsis presents very concisely the results of examination of pepper for the whole period from 1877 to 1910, for each of the inspectoral districts of Canada:—

INSPECTION OF PEPPER, 1876 TO 1910 ⁽¹⁾

| Year. | District of Nova Scotia. | | District of Quebec. | | District of Montreal. | | District of Toronto. | | District of New Brunswick. | | District of London. | | District of Manitoba. | |
|-----------------------------------|--------------------------|---------------|---------------------|---------------|-----------------------|---------------|----------------------|---------------|----------------------------|---------------|---------------------|---------------|-----------------------|---------------|
| | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. |
| 1876 & 1877 ² | 6 | 4 | 6 | 5 | 16 | 16 | 8 | 5 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1878..... | 6 | 5 | 6 | 3 | 16 | 15 | 12 | 5 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1879..... | 8 | 4 | 11 | 5 | 15 | 9 | 10 | 4 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1880..... | 8 | 2 | 8 | 1 | 8 | 1 | 9 | 5 | 9 | 9 | ..... | ..... | ..... | ..... |
| 1881..... | 7 | 3 | 0 | 0 | 11 | 11 | 11 | 9 | 7 | ..... | ..... | ..... | ..... | ..... |
| 1882..... | 4 | 1 | 5 | 4 | 12 | 10 | 10 | 5 | 12 | 10 | ..... | ..... | ..... | ..... |
| 1883..... | 8 | 3 | 2 | 1 | 11 | 10 | 4 | 1 | 5 | 5 | 2 | 0 | ..... | ..... |
| 1884..... | 1 | 1 | 2 | 0 | 8 | 7 | 3 | 1 | 6 | 4 | 4 | 4 | ..... | ..... |
| 1885 ³ | 12 | 3 | 2 | 0 | 18 | 10 | 23 | 15 | 6 | 5 | 5 | 5 | ..... | ..... |
| 1886 ⁴ | 4 | 1 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | ..... | ..... |
| 1888..... | 10 | 6 | 8 | 8 | 10 | 7 | 10 | 6 | 8 | 5 | ..... | ..... | ..... | ..... |
| 1890 ⁵..... | ..... | ..... | 25 | 11 | 33 | 26 | 10 | 1 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1891..... | ..... | ..... | 23 | 10 | 36 | 21 | 10 | 1 | 8 | 5 | 8 | 2 | 8 | 2 |
| 1894..... | ..... | ..... | 10 | 3 | 10 | 8 | 10 | 8 | 13 | 2 | 13 | 1 | 12 | 2 |
| 1896..... | 15 | 4 | 15 | 6 | 17 | 10 | 15 | 1 | 2 | ..... | ..... | ..... | ..... | ..... |
| 1899..... | ..... | ..... | ..... | ..... | ..... | ..... | 10 | 0 | ..... | ..... | ..... | 5 | 10 | 0 |
| 1900..... | 10 | 1 | 10 | 4 | ..... | ..... | 10 | ..... | ..... | ..... | ..... | ..... | 10 | 1 |
| 1904 ⁶ | 10 | 1 | 18 | 12 | 19 | 19 | 17 | 13 | 7 | 3 | 11 | 6 | 10 | 4 |
| 1905 ⁷ | 7 | 0 | ..... | ..... | 12 | 8 | 12 | 4 | 7 | 3 | 10 | 3 | 7 | 4 |
| 1905 ⁸ | 24 | 1 | 23 | 17 | 24 | 12 | 24 | 6 | 24 | 10 | 24 | 6 | 25 | 11 |
| 1908 ⁹ | 20 | 1 | 23 | 9 | 20 | 9 | 20 | 20 | 20 | 5 | 18 | 3 | 20 | 8 |
| 1910 ¹⁰ | 20 | 1 | 20 | 8 | 20 | 5 | 20 | 7 | 20 | 1 | 20 | 1 | 20 | 1 |
| Total for period of 34 years..... | 180 | 42 | 229 | 111 | 319 | 217 | 250 | 98 | 158 | 76 | 128 | 37 | 122 | 35 |

¹ In some of the earlier years a few samples of cayenne (red pepper) are included in these numbers.

² The first year in which the Adulteration Act was enforced.

³ The first Chief Analyst (Mr. Evans) appointed.

⁴ Mr. Macfarlane appointed Chief Analyst.

⁵ Bulletin No. 20. ⁶ Bulletin No. 95. ⁷ Bulletin No. 103.

⁸ Bull. No. 106. ⁹ Bull. No. 165. ¹⁰ Bull. No. 203.

INSPECTION OF PEPPER, 1876 TO 1910.

| Year. | District of Kingston. | | District ¹¹ of British Columbia. | | District of Prince Edward Island. | | District of Calgary. | | District of St. Hyacinthe. | | Canada. | |
|--------------------------------|-----------------------|---------------|---|---------------|-----------------------------------|---------------|----------------------|---------------|----------------------------|---------------|------------|---------------|
| | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. |
| 1876 & 1877 ² | | | | | | | | | | | 36 | 30 |
| 1878..... | | | | | | | | | | | 40 | 28 |
| 1879..... | | | | | | | | | | | 44 | 22 |
| 1880..... | | | | | | | | | | | 42 | 18 |
| 1881..... | | | | | | | | | | | 45 | 30 |
| 1882..... | | | | | | | | | | | 43 | 30 |
| 1883..... | | | | | | | | | | | 32 | 21 |
| 1884..... | | | | | | | | | | | 24 | 17 |
| 1885 ³ | | | | | | | | | | | 68 | 39 |
| 1886 ⁴ | | | 4 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | 29 | 20 |
| 1888..... | | | 2 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 62 | 43 |

¹¹ Includes inspectoral districts of Vancouver and Victoria.

¹² The inspectoral districts of Ottawa and Windsor, created in 1905 and 1907, are not included.

INSPECTION OF PEPPER, 1876 TO 1910—*Concluded.*

| Year. | District of Kingston. | | District of British Columbia. | | District of Prince Edward Island. | | District of Calgary. | | District of St. Hyacinthe. | | Canada. | |
|-------------------------|-----------------------|---------------|-------------------------------|---------------|-----------------------------------|---------------|----------------------|---------------|----------------------------|---------------|------------|---------------|
| | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. | Exam-ined. | Adul-terated. |
| 1890 ^a | | | | | | | | | | | 73 | 36 |
| 1891 | | | | | | | | | | | 53 | 31 |
| 1894 | 3 | 3 | | | | | | | | | 62 | 29 |
| 1896 | 13 | 5 | | | | | | | | | 113 | 31 |
| 1899 | | | | | | | | | | | 10 | 2 |
| 1900 | 9 | 4 | 8 | 1 | | | | | | | 66 | 15 |
| 1904 ^a | 14 | 4 | 12 | 6 | 6 | 1 | 6 | 6 | | | 130 | 72 |
| 1905 ^a | 10 | 4 | 8 | 4 | 2 | 0 | 1 | 1 | 10 | 10 | 86 | 41 |
| 1905 | 24 | 11 | 24 | 9 | 26 | 7 | 24 | 8 | 24 | 18 | 290 | 117 |
| 1908 | 20 | 4 | 40 | 3 | 20 | 4 | 20 | 3 | 20 | 12 | 261 | 63 |
| 1910 | 20 | 4 | 40 | 1 | - | - | 20 | 1 | 20 | 10 | 240 | 40 |
| | 130 | 55 | 132 | 24 | 54 | 12 | 71 | 19 | 74 | 50 | 1859 | 777 |

| | District of Ottawa. | | District of Windsor. | |
|------------------------|---------------------|--------------|----------------------|--------------|
| | Examined. | Adulterated. | Examined. | Adulterated. |
| 1905 (Bull. 163) | 20 | 4 | 17 | 1 |
| 1910 (Bull. 203) | 20 | 4 | 20 | 4 |
| | 40 | 8 | 37 | 5 |

FROM 1877 TO 1910.

| Inspectoral Districts. | Date of first Inspection. | Total samples examined. | Found Adulterated. | Percentage of Adulteration. |
|-------------------------|---------------------------|-------------------------|--------------------|-----------------------------|
| Nova Scotia | 1877 | 180 | 42 | 23 |
| Prince Ed. Island | 1904 | 54 | 12 | 22 |
| New Brunswick | 1880 | 158 | 76 | 48 |
| Quebec | 1877 | 229 | 111 | 49 |
| St. Hyacinthe | 1905 | 74 | 50 | 65 |
| Montreal | 1877 | 319 | 217 | 68 |
| Ottawa | 1908 | 40 | 8 | 20 |
| Kingston | 1886 | 130 | 55 | 43 |
| Toronto | 1877 | 250 | 98 | 39 |
| London | 1883 | 128 | 37 | 29 |
| Windsor | 1908 | 37 | 5 | 14 |
| Manitoba | 1877 | 122 | 35 | 29 |
| Calgary | 1904 | 71 | 19 | 27 |
| Vancover | 1900 | | | |
| Victoria | 1900 | 132 | 24 | 19 |
| Total | | 1924 | 789 | 40 |

It will be noted that the average adulteration of pepper throughout Canada for the above period of 33 years, is 40 per cent.; this is much exceeded in the districts of St. Hyacinthe and Montreal.

The only adulterations which can be made a basis for judging pepper, at present, are the admixture of pepper with foreign matters, and excessively high ash, which itself means the presence of mineral matter (dirt) in excess of a standard proposed by me in 1890 (See Bulletin 20). The standard was derived from original work on pepper, and from a study of all the available literature of the subject; as explained in Bull. 20. The standard rests however, upon a scientific rather than upon a legal basis; and would have to be established by evidence in the event of a contested case in the courts. It is hoped that this state of things will be improved by the legalizing of Spice Standards and limitations of variability under section 26 of the Adulteration Act, before another inspection of pepper is made. Of the present collection, 18 samples contain more than 7 per cent. of ash, and are adjudged to be adulterated on this account.

I beg to recommend the publication of this report as Bulletin No. 203.

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. | |

DISTRICT OF NOVA SCOTIA—

| 1909. | | | | | | | |
|-------|----|----------------|-------|------------------------------------|--------|------|--------------------------------------|
| Oct. | 5 | White Pepper.. | 41826 | Forristall & Co., Halifax, N.S. | 8 oz.. | 20 | Wentzell's, Ltd., Halifax, N.S. |
| " | 5 | " .. | 41827 | W. J. Hoggood & Son, Halifax, N.S. | 3 pks. | 30 | W. H. Schwartz & Sons, Halifax, N.S. |
| " | 5 | " .. | 41828 | Dillon Bros., Halifax, N.S. | 3 " | 15 | Jno. P. Mott & Co., Halifax, N.S. |
| " | 6 | " .. | 41829 | J. F. Crowe & Co., Halifax, N.S. | 3 " | 10 | W. H. Schwartz & Sons, Halifax, N.S. |
| " | 6 | " .. | 41830 | Jno. P. Mott & Co., Halifax, N.S. | 3 " | .... | Vendors..... |
| " | 6 | " .. | 41831 | G. A. Cook & Co., Halifax, N.S. | 8 oz.. | 20 | Todhunter & Mitchell, Toronto. |
| " | 8 | " .. | 41832 | Murphy & Demont, Windsor, N.S. | 3 pks. | 30 | Nat. Drug Co., Halifax. |
| " | 11 | " .. | 41833 | The 2 Barkers, Ltd., Amherst, N.S. | 8 oz.. | 18 | Gardiner, Dunn & Co., Hamilton. |
| " | 12 | " .. | 41834 | Black & Co., Truro, N.S. | 8 " | 11 | C. H. Cochrane & Co., Ottawa |
| " | 12 | " .. | 41835 | Ryan Bros., Truro, N.S. | 3 pks. | 24 | F. F. Dalley Co., Ltd., Hamilton. |

DISTRICT OF NEW BRUNSWICK—

| | | | | | | | |
|-------|----|----------------|-------|---|--------|----|---------------------------------------|
| Sept. | 8 | White Pepper.. | 39553 | G. E. Barbour Co., Ltd., St. John, N.B. | ½ lb.. | 14 | Vendors..... |
| " | 14 | " .. | 39554 | W. A. Porter, St. John, N.B. | ½ " .. | 20 | Todhunter, Mitchell & Co., Toronto. |
| " | 21 | " .. | 39555 | H. C. Jewett, Fredericton, N.B. | ½ " .. | 20 | " .. |
| " | 22 | " .. | 39556 | R. E. Holyoke, Woodstock, N.B. | ½ " .. | 20 | Dearborn & Co., St. John, N.B. |
| " | 24 | " .. | 39557 | J. T. Baird Co., Ltd., Perth, N.B. | 3 pks. | 30 | " .. |
| Oct. | 5 | " .. | 39558 | Sussex Mercantile Co., Ltd., Sussex, N.B. | ½ lb.. | 20 | " .. |
| " | 6 | " .. | 39559 | F. P. Reid & Co., Morcton, N.B. | 3 pks. | 24 | Vendors..... |
| " | 7 | " .. | 39560 | Baird & Peters, Newcastle, N.B. | 3 " | 25 | Jno. P. Mott & Co., Halifax. |
| " | 7 | " .. | 39561 | Miller Bros., Newcastle, N.B. | ½ lb.. | 20 | Baird & Peters, St. John, N.B. |
| " | 11 | " .. | 39562 | Moore's Bros., Campbellton, N.B. | 3 pks. | 30 | The F. F. Dalley Co., Ltd., Hamilton. |

* Lost in transit.

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

R. J. WAUGH, INSPECTOR.

| | p. c. | p. c. | p. c. | p. c. | | | |
|-------|-------|-------|-------|-------|---|-------|--------------|
| | | 0.90 | ..... | ..... | Pepper tissues only..... | 41826 | Genuine. |
| | | 1.06 | ..... | ..... | " ..... | 41827 | " |
| | | 1.64 | ..... | ..... | " ..... | 41828 | " |
| | | 1.14 | ..... | ..... | " ..... | 41829 | " |
| | | 1.00 | ..... | ..... | " ..... | 41830 | " |
| | | 0.96 | ..... | ..... | " ..... | 41831 | " |
| | | 1.00 | ..... | ..... | " ..... | 41832 | " |
| | | 1.66 | ..... | ..... | About 35 per cent wheat flour present. | 41833 | Adulterated. |
| | | 1.26 | ..... | ..... | Pepper tissues only..... | 41834 | Genuine. |
| | | 1.04 | ..... | ..... | Trace of wheat starch present | 41835 | Doubtful. |

J. C. FERGUSON, INSPECTOR.

| | p. c. | p. c. | p. c. | p. c. | | | |
|--|-------|-------|-------|-------|--------------------------|-------|----------|
| Acorn" brand..... | | 0.66 | ..... | ..... | Pepper tissues only..... | 39553 | Genuine. |
| | | 1.00 | ..... | ..... | " ..... | 39554 | " |
| | | 0.80 | ..... | ..... | " ..... | 39555 | " |
| Labelled absolutely pure white pepper. | | 2.06 | ..... | ..... | " ..... | 39556 | " |
| " " | | 1.46 | ..... | ..... | " ..... | 39557 | " |
| | | * | | | " | 39558 | " |
| " Pyramid" brand..... | | 4.90 | ..... | ..... | Pepper tissues only..... | 39559 | Genuine. |
| Guaranteed absolutely pure. Mott's strictly pure white pepper. | | 1.10 | ..... | ..... | " ..... | 39560 | " |
| | | 1.04 | ..... | ..... | " ..... | 39561 | " |
| Dalley's pure ground white pepper. | | 1.10 | ..... | ..... | " ..... | 39562 | " |

| 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 QUEBEC— | | | | | | |
| 1909. | | | | | | |
| Sept. 9 | White Pepper.. | 36622 | N. Ferron, St. Paulin | ½ lb .. | 13 | Chevalier & Pouliot, Joliette. |
| " 9 | " | 36623 | S. Guimond, St. Paulin..... | ½ " .. | 18 | " " .. |
| " 9 | " | 36624 | Thos. Juneau, St. Paulin..... | ½ " .. | 13 | Chaput fils & Cie, Montreal.. |
| " 9 | " | 36625 | A. J. Thibaudeau, St. Paulin.. | ½ " .. | 18 | Hudon & Aslin, Montreal.... |
| " 9 | " | 36626 | H. Abrani, St. Paulin..... | ½ " .. | 15 | ..... |
| " 9 | " | 36627 | S. Vaillet, St. Paulin..... | ½ " .. | 20 | Hudon & Hebert, Montreal.. |
| " 9 | " | 36628 | A. Trambly, St. Alexis | ½ " .. | 20 | ..... |
| " 9 | " | 36629 | Andre Dho, St. Alexis..... | ½ " .. | 20 | L. Chaput fils & Co., Montreal |
| " 9 | " | 36630 | J. V. Milot, St. Alexis..... | ½ " .. | 20 | " " .. |
| " 9 | " | 36631 | A. Robert, St. Alexis | ½ " .. | 20 | " " .. |
| DISTRICT OF ST. HYACINTHE— | | | | | | |
| Sept. 15 | White Pepper .. | 1217 | J. V. Montplaisir, Drummond-ville. | 3 pks. | 25 | The Brodies Mfg. Co., Montreal. |
| " 15 | " | 1218 | Ant. Chicoine, Actonvale..... | ½ lb .. | 18 | Unknown |
| " 16 | " | 1219 | J. S. McGuire, Waterloo..... | ½ " .. | 15 | " |
| " 17 | " | 1220 | F. X. Giroux, Farnham..... | ½ " .. | 15 | Herron Leblanc Ltd |
| " 17 | " | 1221 | Gervais & freres, St. Jean. | ½ " .. | 15 | Banqueroute de Bechard, de L'Acadia. |
| " 22 | " | 1222 | E. Huard, Lac Megantic..... | ½ " .. | 17 | L. Chaput fils & Co., Montreal. |
| " 22 | " | 1223 | P. A. Barbeau, Cookshire..... | ½ " .. | 13 | Unknown |
| " 23 | " | 1224 | T. M. Bachelder & Co., Magog | ½ ½ .. | 15 | " |
| " 24 | " | 1225 | B. J. Smith, Coaticook | ½ " .. | 20 | Herron, Leblanc, Montreal.. |
| " 24 | " | 1226 | Therriault & Leclere, Sherbrooke. | ½ " .. | 20 | C. H. Cochrane & Co., Ottawa |
| DISTRICT OF MONTREAL— | | | | | | |
| Sept. 7 | White Pepper .. | 40326 | A. Charlebois, Valleyfield..... | ½ lb .. | 20 | Hudon & Orsali, Montreal.. |
| " 10 | " | 40327 | Paquette et freres, Berthierville | ½ " .. | 20 | ..... |
| " 14 | " | 40328 | P. L. Michaud, St. Gabriel de Brandon. | ½ " .. | 13 | Wolf, Sayer & Heller, Montreal. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

E. BELAND, INSPECTOR.

| | p. c. | p. c. | p. c. | p. c. | | | |
|-------|-------|-------|-------|--|-------|----------------------------------|--|
| ..... | 8.86 | 8.16 | 0.70 | Trace of wheat starch present | 36622 | Ash high. Adulterated. | |
| ..... | 1.74 | ..... | ..... | Pepper tissues only..... | 36623 | Genuine. | |
| ..... | 4.70 | ..... | ..... | " ..... | 36624 | Apparently a blk pepper. Genuine | |
| ..... | 2.36 | ..... | ..... | " ..... | 36625 | Genuine. | |
| ..... | 1.80 | ..... | ..... | About 25 per cent wheat flour with a little maize. | 36626 | Adulterated. | |
| ..... | 2.40 | ..... | ..... | About 20 per cent maize with some cayenne tissues. | 36627 | " | |
| ..... | 2.00 | ..... | ..... | About 30 per cent wheat and maize flour. | 36628 | " | |
| ..... | 1.10 | ..... | ..... | Pepper tissues only..... | 36629 | Genuine. | |
| ..... | 1.00 | ..... | ..... | " ..... | 36630 | " | |
| ..... | 0.94 | ..... | ..... | Trace of foreign starch present | 36631 | Doubtful. | |

J. C. ROULEAU, INSPECTOR.

| | | | | | | | |
|-------------------|------|-------|-------|---|------|--------------|--|
| ..... | 3.24 | ..... | ..... | About 60 per cent wheat and maize flour. Perhaps cayenne. | 1217 | Adulterated. | |
| ..... | 0.92 | ..... | ..... | Pepper tissues only..... | 1218 | Genuine. | |
| ..... | 1.10 | ..... | ..... | " ..... | 1219 | " | |
| ..... | 2.20 | ..... | ..... | About 25 per cent wheat flour | 1220 | Adulterated. | |
| ..... | 2.24 | ..... | ..... | Stone cells in excess. Probably from husks or coconut shells. | 1221 | " | |
| ..... | 1.00 | ..... | ..... | Pepper tissues only..... | 1222 | Genuine. | |
| ..... | 1.70 | ..... | ..... | Stone cells in excess. Probably from olive stones. | 1223 | Adulterated. | |
| ..... | 1.84 | ..... | ..... | Pepper tissues only..... | 1224 | Genuine. | |
| ..... | 1.74 | ..... | ..... | About 20 per cent wheat flour | 1225 | Adulterated. | |
| Pure white pepper | 1.04 | ..... | ..... | Pepper tissues only..... | 1226 | Genuine. | |

J. J. COSTIGAN, INSPECTOR.

| | | | | | | | |
|--------------------------|------|-------|-------|--------------------------|-------|----------|--|
| Pure ground white pepper | 1.64 | ..... | ..... | Pepper tissues only..... | 40326 | Genuine. | |
| ..... | 0.75 | ..... | ..... | " ..... | 40327 | " | |
| ..... | 1.30 | ..... | ..... | " ..... | 40328 | " | |

| Date of Collection. | Nature of Sample. | Name and Address of Vendor. | No. of Sample. | Cost. | | Name and Address of Manufacturer or Furnisher as given by the Vendor. |
|------------------------------|-------------------|--|----------------|-----------|--------|---|
| | | | | Quantity. | Cents. | |
| DISTRICT OF MONTREAL— | | | | | | |
| 1909. | | | | | | |
| Sept. 22 | White Pepper .. | 40329 Z. Jacques, Terrebonne. | 4 lb .. | 16 | | Kearney Bros., Montreal.... |
| " 16 | " .. | 40330 A. Chalmers, Huntingdon..... | 1/2 " .. | 18 | | Pure Gold Co..... |
| " 21 | " .. | 40331 Arthur Roy, Longueuil..... | 1/2 " .. | 20 | | Dom. Spice Co. |
| " 22 | " .. | 40332 Jos. Landry, 682 St. James St., Montreal. | 1/2 " .. | 18 | | Laporte, Martin & Co., Ltd.. |
| " 29 | " .. | 40333 D. A. Duclos, St. Rose, P.Q.. | 1/2 " .. | 20 | | L. Chaput fils & Cie |
| " 29 | " .. | 40334 W. Chatrand, St. Rose, P.Q.. | 1/2 " .. | 18 |  | ..... |
| " 20 | " .. | 40335 The European Tea and Coffee Co., St. Rose, P.Q. | 1/2 " .. | 15 | | Unknown. |
| DISTRICT OF OTTAWA— | | | | | | |
| Sept. 22 | White Pepper .. | 42801 Cameron & Downing, Vankleek Hill | 1/2 lb .. | 20 | | Pure Gold Mfg. Co., Ltd., Toronto. |
| " 24 | " .. | 42802 J. E. Cook, Winchester..... | 1/2 " .. | 20 | | Unknown..... |
| " 25 | " .. | 42803 J. T. Conway, Perth..... | 1/2 " .. | 20 | | Pure Gold Mfg. Co., Ltd., Toronto. |
| " 27 | " .. | 42804 A. Villeneuve, Gatineau Point. | 1/2 " .. | 20 | | Unknown..... |
| " 28 | " .. | 42805 Miss Bennett, Spencerville..... | 1/2 " .. | 17 | | " |
| " 29 | " .. | 42806 D. J. McDonald, Alexandria.. | 1/2 " .. | 20 | | " |
| Oct. 4 | " .. | 42807 A. S. Russell, Galetta..... | 1/2 " .. | 20 | | Jas. Turner & Co., Hamilton |
| " 4 | " .. | 42808 D. B. Eastman, Kinburn..... | 1/2 " .. | 20 | | White Swan Co., Toronto. .. |
| " 5 | " .. | 42809 Mrs. W. Alexander, Ottawa... | 1/2 " .. | 20 | | H. N. Bate & Sons, Ottawa.. |
| " 5 | " .. | 42810 J. Polowin, Ottawa..... | 1/2 " .. | 20 | | " .. |
| DISTRICT OF KINGSTON— | | | | | | |
| Sept. 7 | White Pepper .. | 42716 H. M. Stover, Kingston..... | 1/2 lb .. | 20 | | Maclea, Kingston. |
| " 7 | " .. | 42717 C. S. Litton, Kingston..... | 1/2 " .. | 20 | | Cochrane, Ottawa..... |
| " 7 | " .. | 42718 J. Cullan, Kingston..... | 1/2 " .. | 20 | | Unknown..... |
| " 7 | " .. | 42719 C. Saunders, Kingston..... | 1/2 " .. | 20 | | " |
| " 7 | " .. | 42720 C. Pickering, Kingston | 1/2 " .. | 20 | | Lowes, Toronto..... |
| " 7 | " .. | 42721 Anderson Bros., Kingston.... | 1/2 " .. | 20 | | Hamilton Spice and Coffee Co., Hamilton. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | No. of Sample. | Remarks and opinion of the Chief Analyst. | |
|--|----------------------|---------------|----------------------------------|--|----------------|--|----------------------------|
| | Water Soluble. | Ash per cent. | | | | | Microscopical Examination. |
| | | Total. | Soluble Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

J. J. COSTIGAN, INSPECTOR—*Concluded.*

| | p. c. | p. c. | p. c. | p. c. | | |
|-------|-------|-------|-------|-------|------------------------------------|--------------------|
| | | 1.04 | ..... | ..... | Trace of foreign starch present. | 40329 Doubtful. |
| | | 1.10 | ..... | ..... | Pepper tissues only..... | 40330 Genuine. |
| | | 1.56 | ..... | ..... | Trace of foreign starch present. | 40331 Doubtful. |
| | | 1.26 | ..... | ..... | Pepper tissues only..... | 40332 Genuine. |
| | | 0.88 | ..... | ..... | " ..... | 40333 " |
| | | 0.96 | ..... | ..... | " ..... | 40334 " |
| | | 1.36 | ..... | ..... | About 25 per cent buckwheat flour. | 40335 Adulterated. |

J. A. RICKEY, INSPECTOR.

| ..... | ..... | 0.84 | ..... | ..... | About 5 per cent wheat flour present. | 42801 Doubtful. |
|-------|-------|------|-------|-------|--|--------------------|
| ..... | ..... | 0.90 | ..... | ..... | Pepper tissues only..... | 42802 Genuine. |
| ..... | ..... | 1.30 | ..... | ..... | Trace of foreign starch present. | 42803 Doubtful. |
| ..... | ..... | 1.53 | ..... | ..... | About 50 per cent wheat flour. Starch granules deformed. | 42804 Adulterated. |
| ..... | ..... | 1.10 | ..... | ..... | Pepper tissues only..... | 42805 Genuine. |
| ..... | ..... | 1.70 | ..... | ..... | About 30 per cent maize and wheat flour. | 42806 Adulterated. |
| ..... | ..... | 1.74 | ..... | ..... | Pepper tissues only..... | 42807 Genuine. |
| ..... | ..... | 0.90 | ..... | ..... | " ..... | 42808 " |
| ..... | ..... | 1.42 | ..... | ..... | About 20 per cent wheat flour. | 42809 Adulterated. |
| ..... | ..... | 1.00 | ..... | ..... | Trace of wheat starch present | 42810 Doubtful. |

JAS. HOGAN, INSPECTOR.

| ..... | ..... | 1.02 | ..... | ..... | Pepper tissues only..... | 42716 Genuine. |
|-------|-------|------|-------|-------|-------------------------------|--------------------|
| ..... | ..... | 1.20 | ..... | ..... | " ..... | 42717 " |
| ..... | ..... | 1.34 | ..... | ..... | About 15 per cent wheat flour | 42718 Adulterated. |
| ..... | ..... | 1.04 | ..... | ..... | About 25 per cent wheat flour | 42719 " |
| ..... | ..... | 1.04 | ..... | ..... | Pepper tissues only..... | 42720 Genuine. |
| ..... | ..... | 1.66 | ..... | ..... | " ..... | 42721 " |

| 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 KINGSTON— | | | | | | |
| 1909. | | | | | | |
| Sept. 7 | White Pepper .. | 42722 | E. S. Suddard, Kingston .. | ½ lb.. | 20 | Unknown..... |
| " 7 | " .. | 42723 | Kirk & Lee, Kingston..... | ½ " .. | 20 | McLaren's, Hamilton .. |
| " 8 | " .. | 42724 | S. Fourt, Port Hope .. | ½ " .. | 20 | Red Feather .. |
| " 8 | " .. | 42725 | F. Rosevear, Port Hope..... | ½ " .. | 20 | Lowes, Toronto..... |
| DISTRICT OF TORONTO— | | | | | | |
| Sept. 13 | White Pepper... | 41362 | Mrs. Condy, Markham..... | ½ lb.. | 20 | G. S. Durr Co., Hamilton.. |
| " 14 | " .. | 41363 | Gideon Vernor, Uxbridge.... | ½ " .. | 20 | Unknown..... |
| " 14 | " .. | 41364 | Allan & Fult. J. Beaverton .. | ½ " .. | 20 | McLaren's, Ltd., Hamilton.. |
| " 15 | " .. | 41365 | Miss A. Robertson, Orillia.... | ½ " .. | 20 | White Swan Spices & Cereals Ltd., Toronto. |
| " 16 | " .. | 41366 | J. C. McMurty, Midland..... | ½ " .. | 20 | Jas. Turner & Co., Hamilton |
| " 16 | " .. | 41367 | N. Belcourt, Penetang..... | ½ " .. | 20 | H. P. Echardt & Co., Toronto |
| " 17 | " .. | 41368 | C. G. Strange, Barrie .. | ½ " .. | 20 | Unknown..... |
| " 17 | " .. | 41369 | R. F. Green & Son, Bradford.. | ½ " .. | 20 | The White Swan Spices & Cereals, Ltd., Toronto. |
| " 25 | " .. | 41370 | C. Fitzpatrick, Toronto..... | ½ " .. | 20 | W. Dawson..... |
| " 25 | " .. | 41371 | J. Delaney, Toronto..... | ½ " .. | 20 | G. S. Dunn & Co., Hamilton. |
| DISTRICT OF LONDON— | | | | | | |
| Sept. 13 | White Pepper .. | 30816 | W. R. Butcher, St. Mary's.... | ½ lb.. | 20 | Todhunter & Mitchell, To- ronto. |
| " 15 | " .. | 30828 | R. S. Jones, Stratford..... | ½ " .. | 20 | F. F. Dalley Co., Ltd., Ham- ilton. |
| " 15 | " .. | 30 31 | Wm. Stoneman, Mitchell .. | ½ " .. | 20 | Unknown..... |
| " 16 | " .. | 30837 | Chas. S. Andrews, Seaforth.... | ½ " .. | 20 | Geo. Watt & Sons, Brantford |
| " 16 | " .. | 30840 | Matt. Williams, Seaforth..... | ½ " .. | 25 | Unknown..... |
| " 20 | " .. | 30843 | Peter Anderson, Guelph .. | ½ " .. | 25 | J. M. Lowes, Toronto..... |
| " 20 | " .. | 30846 | Chas. Ewing, Goderich..... | ½ " .. | 20 | Canada Spice & Grocery Co., London, Ont. |
| " 21 | " .. | 30851 | J. J. McEwin, Goderich .. | ½ " .. | 20 | Gorman & Eckert, London, Ont. |
| " 22 | " .. | 30859 | Kerr & Bird, Wingham..... | ½ " .. | 20 | " .. |
| " 27 | " .. | 30863 | Geo. Williams, Guelph.. | ½ " .. | 20 | Balfour Snye & Co., Hamil- ton. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|-------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

JAS HOGAN, INSPECTOR—*Concluded.*

| | p. c. | p. c. | p. c. | p. c. | | | |
|-------|-------|-------|-------|-------|-------------------------------|-------|--------------|
| ..... | 1.24 | ..... | ..... | ..... | About 50 per cent wheat flour | 42722 | Adulterated. |
| ..... | 1.08 | ..... | ..... | ..... | Pepper tissues only..... | 42723 | Genuine. |
| ..... | 1.80 | ..... | ..... | ..... | " | 42724 | " |
| ..... | 0.74 | ..... | ..... | ..... | " | 42725 | " |

H. J. DAGER, INSPECTOR.

| | | | | | | | |
|---|------|-------|-------|-------|---------------------------------------|-------|--------------|
| "Bison" Brand..... | 1.24 | ..... | ..... | ..... | About 30 per cent wheat flour | 41362 | Adulterated. |
| Pure white pepper..... | 2.40 | ..... | ..... | ..... | About 15 per cent buckwheat flour. | 41363 | " |
| Labelled white pepper.. | 1.04 | ..... | ..... | ..... | Pepper tissues only..... | 41364 | Genuine. |
| " " " "..... | 2.04 | ..... | ..... | ..... | " " " "..... | 41365 | " |
| "Majestic" Brand. Guaranteed absolutely pure..... | 1.48 | ..... | ..... | ..... | " " " "..... | 41366 | " |
| Pure ground spice. Spe- cial white pepper pure..... | 1.34 | ..... | ..... | ..... | " " " "..... | 41367 | " |
| Pure white pepper..... | 1.28 | ..... | ..... | ..... | About 15 per cent wheat flour | 41368 | Adulterated. |
| Sample sold as white pepper..... | 1.00 | ..... | ..... | ..... | Trace of wheat flour present.. | 41369 | Doubtful. |
| "Bison" Brand..... | 2.06 | ..... | ..... | ..... | Trace of wheat starch..... | 41370 | " |
| ..... | 1.20 | ..... | ..... | ..... | About 5 per cent wheat flour | 41371 | " |

T. KIDD, INSPECTOR.

| | | | | | | | |
|-------|------|-------|-------|-------|------------------------------------|-------|--------------|
| ..... | 0.80 | ..... | ..... | ..... | Pepper tissues only..... | 30816 | Genuine. |
| ..... | 1.02 | ..... | ..... | ..... | " " " "..... | 30828 | " |
| ..... | 0.96 | ..... | ..... | ..... | About 10 per cent wheat starch. | 30831 | Adulterated. |
| ..... | 0.90 | ..... | ..... | ..... | Pepper tissues only..... | 30837 | Genuine. |
| ..... | 1.04 | ..... | ..... | ..... | " " " "..... | 30840 | " |
| ..... | 1.00 | ..... | ..... | ..... | " " " "..... | 30843 | " |
| ..... | 2.48 | ..... | ..... | ..... | " " " "..... | 30846 | " |
| ..... | 0.94 | ..... | ..... | ..... | " " " "..... | 30851 | " |
| ..... | 1.00 | ..... | ..... | ..... | " " " "..... | 30850 | " |
| ..... | 1.96 | ..... | ..... | ..... | " " " "..... | 30863 | " |

| 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 WINDSOR—

| 1909. | | | | | | | |
|-------|---|-----------------|-------|-------------------------------|--------|----|-------------------------------------|
| Oct. | 4 | White Pepper .. | 42603 | Alfred Deloge, Chatham ... | ½ lb.. | 20 | F. F. Dalley Co., Ltd., Hamilton. |
| " | 4 | " .. | 42608 | E. R. Snook, Chatham..... | ½ " | 20 | Unknown..... |
| " | 5 | " .. | 42613 | H. Johnson, Walkerville..... | ½ " | 20 | Dalton Bros., Toronto |
| " | 5 | " .. | 42618 | Chas. Macfarlane, Walkerville | ½ " | 20 | Unknown..... |
| " | 5 | " .. | 42620 | Wm. Rockett, Walkerville.... | ½ " | 10 | " |
| " | 5 | " .. | 42623 | Fielding & Campeau, Windsor. | ½ " | 18 | Canada Spice & Grocery Co., London. |
| " | 6 | " .. | 42628 | J. D. Sovie, Essex..... | ½ " | 15 | Unknown..... |
| " | 6 | " .. | 42630 | C. P. Powell, Essex | ½ " | 20 | Gorman Eckert & Co., London. |
| " | 7 | " .. | 42634 | E. Quick, Kingsville..... | ½ " | 20 | Unknown..... |
| " | 7 | " .. | 42640 | J. J. Foster, Leanington..... | ½ " | 15 | Imperial Spice Co., Hamilton |

DISTRICT OF MANITOBA--

| | | | | | | | |
|-------|----|------|-------|---|--------|----|--|
| Sept. | 16 | " .. | 39786 | Wm. Mowat, Cypress River... | 12 oz. | 30 | Campbell Bros., Wilson Winnipeg & Regina. |
| " | 16 | " .. | 39787 | H. Indridason & Co., Cypress River. | ½ lb.. | 25 | The Jobin Marrin Co., Ltd., Winnipeg & Regina. |
| " | 17 | " .. | 39788 | H. S. Shilson, Roland..... | ½ " | 20 | Unknown..... |
| " | 21 | " .. | 39789 | The White City Grocery, P. Palsky, Mgr., Brandon. | ½ " | 20 | The Codvill Co., Brandon.... |
| " | 21 | " .. | 39790 | W. Dowling & Co., Brandon.. | ½ " | 25 | Unknown..... |
| " | 21 | " .. | 39791 | The A. E. Hill Co., Ltd., Griswold. | ½ " | 20 | " |
| " | 21 | " .. | 39792 | Garth Bros, Griswold..... | ½ " | 20 | " |
| " | 22 | " .. | 39793 | J. G. Hindson, Rapid City... | ½ " | 20 | McLaren Ltd., Hamilton ... |
| " | 28 | " .. | 39794 | The Allison Macdonald Co., Baldur. | 3 pks. | 25 | Unknown..... |
| " | 28 | " .. | 39795 | R. Rollins & Sons, Baldur.... | ½ lb.. | 25 | Gold Standard Mfg. Co., Winnipeg. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

JNO. TALBOT, INSPECTOR.

| | p. c. | p. c. | p. c. | p. c. | | | |
|--|-------|-------|-------|-------|---|-------|--|
| Labelled pure white pepper. | 0.94 | | | | Pepper tissues only | 42603 | Genuine. |
| | 1.04 | | | | " " | 42608 | " |
| Labelled Dalton's Extra select spices. White Pepper. | 1.20 | | | | About 10 per cent wheat starch. | 42613 | Adulterated. |
| | 1.00 | | | | Pepper tissues only | 42618 | Genuine. |
| Vendor said he would not guarantee as pure. | 10.08 | | | | About 25 per cent wheat flour and some undetermined foreign matter apparently a Black Pepper. | 42620 | Adulterated apparently a black Pepper. |
| | 1.08 | | | | Pepper tissues only | 42623 | Genuine. |
| | 1.10 | | | | " " | 42628 | " |
| | 0.76 | | | | " " | 42630 | " |
| | 1.04 | | | | " " | 42634 | " |
| 'Majestic' Brand. Pure white pepper. Guaranteed absolutely pure. | 2.14 | | | | " " | 42640 | " |

A. C. LARIVIERE, INSPECTOR.

| "Royal Shield" Brand. White Pepper. | 1.14 | | | | Pepper tissues only | 39786 | Genuine. |
|---|------|--|--|--|---------------------|-------|----------|
| 'Challenger' Brand. Pure spices. White pepper | 0.94 | | | | " " | 39787 | " |
| | 1.00 | | | | " " | 39788 | " |
| | 1.14 | | | | " " | 39789 | " |
| | 1.76 | | | | " " | 39790 | " |
| | 1.44 | | | | " " | 39791 | " |
| | 1.01 | | | | " " | 39792 | " |
| | 1.04 | | | | " " | 39793 | " |
| | 1.24 | | | | " " | 39794 | " |
| "Gold Standard" pure ground white pepper. | 1.08 | | | | " " | 39795 | " |

| 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 CALGARY | | | | | | |
| 1909 | | | | | | |
| Sept. 10 | White Pepper... | 35602 | Bentley Co., Lethbridge | 3 pkgs | 45 | A. Schilling & Co., San Francisco. |
| " 10 | " .. | 35603 | Bradbur & Co., Lethbridge.... | 3 tins. | 45 | Pure Gold Mfg. Co., Ltd., Toronto. |
| " 11 | " .. | 35604 | L. B. Cochrane, Med. Hat.... | 3 " | 30 | Gold Standard Mfg. Co., Winnipeg. |
| " 11 | " .. | 35605 | Spencer & Todd, Med. Hat.... | 3 pkgs | 25 | Codville & Co., Winnipeg.... |
| " 11 | " .. | 35606 | H. W. Ireland & Co., Med. Hat | 3 " | 25 | McLaren's Ltd., Hamilton.. |
| " 11 | " .. | 35607 | R. Dunn, Med. Hat..... | 3 " | 20 | Georgeson & Co., Ltd., Calgary. |
| Oct. 7 | " .. | 35608 | Acme Co., Edmonton..... | 3 " | 45 | R. Craig & Co., Ltd., Toronto |
| " 7 | " .. | 35609 | Gariepy & Lessard, Edmonton. | 3 " | 30 | Blue Ribbon Ltd., Winnipeg |
| " 7 | " .. | 35610 | Hallier & Aldridge, Edmonton | 3 " | 45 | Balfour & Co., Hamilton.... |
| " 9 | " .. | 35611 | J. H. Morris & Co., Edmonton | 3 " | 40 | White Star Mfg. Co., Winnipeg. |
| DISTRICT OF VANCOUVER— | | | | | | |
| Sept. 14 | White Pepper... | 37724 | Foran Bros., Vancouver. | 3 tins. | 30 | Braid & Co., Vancouver..... |
| " 14 | " .. | 37727 | West End Grocery, New Westminster. | ½ lb.. | 30 | W. H. Malkin & Co., Vancouver. |
| " 14 | " .. | 37728 | Joe. Quoy, New Westminster. | 3 tins. | 30 | Oriental Mills, Vancouver... |
| " 14 | " .. | 37729 | C. B. Deans, New Westminster | 3 " | 30 | E. R. Durke, New York |
| " 15 | " .. | 37730 | A. R. Stacy, North Vancouver | 3 " | 30 | Empress Mfg. Co., Vancouver |
| " 15 | " .. | 37731 | Welcome Parlors, North Vancouver. | 3 " | 30 | Kelly Douglas & Co., Vancouver. |
| " 18 | " .. | 37732 | Pioneer Grocery, Vancouver... | ½ lb.. | 30 | Empress Mfg. Co., Vancouver |
| " 18 | " .. | 37733 | A. M. Tolson, Vancouver... | ½ " | 20 | Kelly Douglas & Co., Vancouver. |
| " 18 | " .. | 37734 | R. Mitchell, Vancouver..... | 3 tins. | 30 | Hudson's Bay Co., Vancouver |
| " 18 | " .. | 37735 | W. J. McMillan & Co., Vancouver. | 3 " | 30 | W. J. McMillan & Co., Vancouver. |
| DISTRICT OF VICTORIA— | | | | | | |
| Oct. 14 | White Pepper | 41549 | Windsor Grocery Co., Victoria, B.C. | 3 pkgs | 30 | Pioneer Coffee & Spice Mills Ltd., Victoria, B.C. |
| " 15 | " .. | 41550 | The West End Grocery Co., Ltd., Victoria, B.C. | 3 " | 30 | R. P. Rithet & Co., Ltd., Victoria, B.C. |
| " 15 | " .. | 41551 | Copas & Young, Victoria, B.C. | 3 " | 30 | J. Braid & Co., Vancouver.. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

R. W. FLETCHER, INSPECTOR.

| | p.c. | p.c. | p.c. | p.c. | | | |
|-------|------|-------|-------|-------|-------------------------------|-------|--------------|
| ..... | 0.90 | ..... | ..... | ..... | Pepper tissues only..... | 35602 | Genuine. |
| ..... | 0.86 | ..... | ..... | ..... | " ..... | 35603 | " |
| ..... | 1.10 | ..... | ..... | ..... | " ..... | 35604 | " |
| ..... | 1.22 | ..... | ..... | ..... | " ..... | 35605 | " |
| ..... | 1.04 | ..... | ..... | ..... | " ..... | 35606 | " |
| ..... | 3.04 | ..... | ..... | ..... | " ..... | 35607 | " |
| ..... | 1.04 | ..... | ..... | ..... | About 15 per cent wheat flour | 35608 | Adulterated. |
| ..... | 1.00 | ..... | ..... | ..... | Pepper tissues only..... | 35609 | Genuine. |
| ..... | 1.44 | ..... | ..... | ..... | " ..... | 35610 | " |
| ..... | 1.00 | ..... | ..... | ..... | " ..... | 35611 | " |

J. F. POWER, INSPECTOR.

| | | | | | | | |
|---|------|-------|-------|-------|-------------------------------|-------|-----------|
| Guaranteed pure..... | 1.04 | ..... | ..... | ..... | Pepper tissues only..... | 37726 | Genuine. |
| Guaranteed absolutely pure..... | 0.80 | ..... | ..... | ..... | " ..... | 37727 | " |
| Guaranteed finest quali- ty full strength..... | 0.90 | ..... | ..... | ..... | " ..... | 37728 | " |
| "Gauntlet" brand guaranteed full strength..... | 1.30 | ..... | ..... | ..... | " ..... | 37729 | " |
| "Empress" brand full strength..... | 1.16 | ..... | ..... | ..... | " ..... | 37730 | " |
| "Columbia" brand guar- anteed full strength..... | 1.00 | ..... | ..... | ..... | " ..... | 37731 | " |
| Full strength, always reliable..... | 0.92 | ..... | ..... | ..... | Trace of white starch present | 37732 | Doubtful. |
| ..... | 1.16 | ..... | ..... | ..... | Pepper tissues only.. | 37733 | Genuine. |
| "Imperial brand," full strength..... | 0.90 | ..... | ..... | ..... | " ..... | 37734 | " |
| "Monarch" brand, full strength..... | 1.04 | ..... | ..... | ..... | " ..... | 37735 | " |

D. O'SULLIVAN, INSPECTOR.

| | | | | | | | |
|----------------------|------|-------|-------|-------|--------------------------|-------|----------|
| "Empire"..... | 0.98 | ..... | ..... | ..... | Pepper tissues only..... | 41549 | Genuine. |
| "St. James"..... | 1.08 | ..... | ..... | ..... | " ..... | 41550 | " |
| Guaranteed pure..... | 1.10 | ..... | ..... | ..... | " ..... | 41551 | " |

| 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 VICTORIA— | | | | | | |
| 1909. | | | | | | |
| Oct. 15 | White Pepper .. | 41552 | J. W. Speed, Victoria, B.C.... | ½ lb .. | 20 | Todhunter Mitchell & Co., Toronto. |
| " 15 | " .. | 41553 | Saunders Grocery Co., Ltd., Victoria, B.C. | ½ " .. | 20 | J. Braid & Co., Vancouver.. |
| " 15 | " .. | 41554 | Wm. B. Hall, Victoria, B.C.... | ½ " .. | 20 | Oriental Mills, Vancouver... |
| " 16 | " .. | 41555 | Harrison & McDonald, Victoria, B.C. | 3 pkgs | 45 | A. Shilling & Co., San Francisco, Cal. |
| " 16 | " .. | 41556 | W. A. Jameson, Victoria, B.C.... | 3 " .. | 30 | F. F. Dalley Co., Ltd., Hamilton, Ont. |
| " 18 | " .. | 41557 | L. Dickinson, Victoria, B.C.... | 3 " .. | 30 | E. R. Durkee & Co., New York, U.S.A. |
| " 18 | " .. | 41558 | Bailey, Victoria, B.C..... | 3 " .. | 30 | Empress Mfg. Co., Vancouver, B.C. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

D. O'SULLIVAN, INSPECTOR—*Concluded.*

| | p. c. | p. c. | p. c. | p. c. | | |
|--|-------|-------|-------|-------|--------------------------|---------------|
| Labelled Todhunter pure white pepper. | | 1.10 | ..... | ..... | Pepper tissues only..... | 41552 Genuine |
| | | 0.90 | ..... | ..... | " ..... | 41553 " |
| | | 1.00 | ..... | ..... | " ..... | 41554 " |
| "Shillings Best" white pepper. | | 0.96 | ..... | ..... | " ..... | 41555 " |
| "Victoria" pure white pepper. | | 1.26 | ..... | ..... | " ..... | 41556 " |
| "Gauntlet" white pepper. | | 0.96 | ..... | ..... | " ..... | 41557 " |
| "Empress" white pepper. | | 1.06 | ..... | ..... | " ..... | 41558 " |

| 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 NOVA SCOTIA— | | | | | | |
| 1909 | | | | | | |
| Oct. | 5 Black Pepper... | 41816 | T. J. Brown, Halifax, N.S.... | 3 pkgs | 15 | Jno. P. Mott & Co., Halifax, N.S. |
| " | 6 " .. | 41817 | A. J. Finlay, Halifax, N.S.... | " | 15 | W. H. Schwartz & Sons, Halifax, N.S. |
| " | 5 " .. | 41818 | City Provision Store, Halifax, N.S. | " | 15 | " " .. |
| " | 6 " .. | 41819 | John P. Mott & Co., Halifax, N.S. | " | .. | Vendors. |
| " | 6 " .. | 41820 | Shore & Campbell, Halifax, N.S. | " | 30 | C. H. Cochrane & Co., Ottawa |
| " | 8 " .. | 41821 | S. L. Cross, Kentville, N.S.... | " | 30 | Nat. Drug Co., Halifax, N.S. |
| " | 11 " .. | 41822 | W. B. Calhoun, Amherst, N.S. | 8 ozs. | 15 | Todhunter & Mitchell, Toronto. |
| " | 11 " .. | 41823 | Moffatt Bros., Amherst, N.S. | 3 pkgs | 30 | Dearborn & Co., St. John, N.B. |
| " | 12 " .. | 41824 | H. W. Ryan & Co., Truro, N.S. | " | 21 | National Drug Co., Halifax, N.S. |
| " | 12 " .. | 41825 | Angus & Pollock, Truro, N.S. | " | 27 | Jno. P. Mott & Co., Halifax, N.S. |
| DISTRICT OF NEW BRUNSWICK— | | | | | | |
| Sept. | 8 Black Pepper... | 39563 | G. E. Barbour Co., Ltd., St. John, N.B. | ½ lb. | 10 | Vendors |
| " | 14 " .. | 39564 | H. G. McBeath, St. John, N.B. | " | 14 | G. S. Deforests Sons Co., Ltd., St. John, N.B. |
| " | 21 " .. | 39565 | John McKnight, Fredericton, N.B. | " | 13 | G. E. Barbour Co., Ltd., St. John, N.B. |
| " | 22 " .. | 39566 | The John Graham Estate, Woodstock, N.B. | " | 18 | Todhunter & Mitchell, Toronto. |
| " | 23 " .. | 39567 | B. Beveridge, Andover, N.B. | 3 pkgs | 30 | Jones & Schofield, St. John, N.B. |
| " | 24 " .. | 39568 | F. D. Sadler, Perth, N.B.... | " | 30 | A. F. Randolph & Son, Fredericton, N.B. |
| Oct. | 7 " .. | 39569 | J. D. Paulin, Newcastle.... | " | 30 | * Dearborn & Co., St. John, N.B. |
| " | 7 " .. | 39570 | Mrs. S. A. Demers, Newcastle | " | 30 | * H. W. Cole, Ltd., St. John, N.B. |
| " | 9 " .. | 39571 | W. J. Kent & Co., Bathurst, N.B. | " | 24 | " " .. |
| " | 11 " .. | 39572 | E. J. Allingham, Campbellton, N.B. | " | 30 | Baird & Peters, St. John, N.B. |
| DISTRICT OF QUEBEC— | | | | | | |
| Sept. | 9 Black Pepper... | 36632 | W. Duhaime, St. Paulin..... | ½ lb. | 10 | L. Chaput, Fils et Cie, Montreal. |
| " | 9 " .. | 36633 | A. Blais, St. Paulin. | " | 10 | " " " .. |
| " | 9 " .. | 36634 | N. Ferron, St. Paulin. | " | 10 | " " " .. |
| " | 9 " .. | 36635 | J. S. Hogue, St. Paulin..... | " | 13 | " " " .. |

* See letter of March 26.

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

R. J. WAUGH, INSPECTOR.

| | p.c. | p.c. | p.c. | p.c. | | | |
|--------------------|------|------|------|------|------------------------------|-------|-----------|
| Labelled Pure..... | | 5.94 | | | Pepper tissues only..... | 41816 | Genuine. |
| "..... | | 6.08 | | | " "..... | 41817 | " |
| "..... | | 5.40 | | | Trace of leguminous starch.. | 41818 | Doubtful. |
| "..... | | 4.40 | | | Pepper tissues only..... | 41819 | Genuine. |
| "..... | | 4.00 | | | " "..... | 41820 | " |
| "..... | | 4.94 | | | " "..... | 41821 | " |
| "..... | | 4.10 | | | " "..... | 41822 | " |
| Labelled Pure..... | | 6.54 | | | " "..... | 41823 | " |
| "..... | | 4.38 | | | " "..... | 41824 | " |
| "..... | | 4.58 | | | " "..... | 41825 | " |

J. C. FERGUSON, INSPECTOR.

| | | | | | | | |
|---|-------|------|------|--|--|-------|-----------------------------|
| "Acorn" Brand..... | 5.50 | | | | Pepper tissues only..... | 39563 | Genuine. |
| "..... | 5.08 | | | | " "..... | 39564 | " |
| "..... | 5.70 | | | | " "..... | 39565 | " |
| "..... | 4.50 | | | | " "..... | 39566 | " |
| Pure Black Pepper. ... | 3.94 | | | | Trace of wheat flour present. | 39567 | Doubtful. |
| "..... | 3.92 | | | | About 5 per cent of wheat starch (flour). | 39568 | " |
| "Perfection" Brand, ab- solutely pure..... | 10.64 | 5.06 | 5.58 | | Pepper tissues only..... | 39569 | Ash high. Adul- terated. |
| "Thistle" Brand..... | 5.34 | | | | " "..... | 39570 | Genuine. |
| "..... | 5.34 | | | | " "..... | 39571 | " |
| "Reindeer" Brand..... | 4.60 | | | | " "..... | 39572 | " |

E. BELAND, INSPECTOR.

| | | | | | | | |
|-------|------|--|--|--|-------------------------------|-------|-----------|
| ..... | 4.68 | | | | Pepper tissues only..... | 36632 | Genuine. |
| ..... | 5.60 | | | | Trace of wheat flour present. | 36633 | Doubtful. |
| ..... | 4.60 | | | | Pepper tissues only..... | 36634 | Genuine. |
| ..... | 4.18 | | | | " "..... | 36635 | " |

| 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 QUEBEC— | | | | | | |
| 1909. | | | | | | |
| Sept. 9 | Black Pepper... | 36636 | S. Guimond, St. Paulin..... | ½ lb | 10 | Chevalier & Pouliot, Montreal. |
| " 9 | " .. | 36637 | H. Abram, St. Paulin | " | 12 | ..... |
| " 9 | " .. | 36638 | St. Vailet, St. Paulin | " | 10 | Hudon, Hebert, Montreal... |
| " 9 | " .. | 36639 | M. Dupuis, St. Paulin..... | " | 10 | L. Z. Magnam, Joliette. . . . |
| " 9 | " .. | 36640 | A. Duhaime, St. Paulin..... | " | 10 | Chevalier & Pouliot, Joliette |
| " 9 | " .. | 36641 | H. Lemin, St. Paulin..... | " | 10 | Lecaille Gendron, Montreal. |
| DISTRICT OF ST. HYACINTHE— | | | | | | |
| Sept. 15 | Black Pepper. . . | 1228 | S. L. Biron, Drummondville. . . | ½ lb. . . | 20 | Banqueroute de J. u. Lafond, Sorel. |
| " 15 | " .. | 1229 | V. Gingras, Upton..... | ½ " .. | 10 | Unknown..... |
| " 16 | " .. | 1230 | Gilmore & Girard, Waterloo. . . | ½ " .. | 13 | " |
| " 16 | " .. | 1231 | H. F. Desmarais, Marieville. . . | ¾ " .. | 13 | Hudon, Hebert et Cie. |
| " 22 | " .. | 1232 | J. O. McDonald, Lac Megantic. . . | ½ " .. | 15 | Whitead & Turner, Quebec. . . |
| " 22 | " .. | 1233 | White & Wiggett, Lennoxville. . . | ½ " .. | 13 | Unknown |
| " 22 | " .. | 1234 | McMurray & Hall, Lennoxville. . . | ½ " .. | 15 | F. F. Dalley Co., Ltd., Hamilton. |
| " 23 | " .. | 1235 | J. Halyon, Sherbrooke | 3 pks. . . | 30 | Denault Grain & Prov. Co., Sherbrooke. |
| " 24 | " .. | 1236 | S. W. Hadlock, Coaticooke. . . . | ½ lb. . . | 15 | H. H. Edwards, Sherbrooke . |
| " 24 | " .. | 1237 | Hubert & Fortier, Sherbrooke E. . . | ½ " .. | 15 | Unknown. |
| DISTRICT OF MONTREAL— | | | | | | |
| Sept. 7 | Black Pepper. . . | 40336 | Primeau et frere, Valleyfield. . . | ½ lb. . . | 15 | F. F. Dalley Co., Ltd., Hamilton. |
| " 10 | " .. | 40337 | J. A. Laporte, Berthierville. . . . | ½ " .. | 13 | Vendor..... |
| " 14 | " .. | 40338 | Louis Jacques, St. Gabriel de Brandon. | ½ " .. | 20 | " |
| " 15 | " .. | 40339 | Edouard Briere, Terrebonne. . . | ½ " .. | 14 | ..... |
| " 16 | " .. | 40340 | James Brown, Huntingdon. . . . | 3 tins. . . | 30 | White Swan Spices & Cereals Ltd., Toronto. |
| " 21 | " .. | 40341 | P. Charron, Longueuil..... | ½ lb. . . | 10 | Hudon, Hebert & Co., Montreal. |
| " 22 | " .. | 40342 | Hutton Bros., 206 St. Antoine St., Montreal. | ½ " .. | 15 | ..... |
| " 29 | " .. | 40343 | J. A. Gravel, St. Rose..... | ½ " .. | 17 | ..... |
| " 29 | " .. | 40344 | J. A. Joly, St. Rose | ½ " .. | 12 | The European Tea & Coffee Co., Montreal. |
| " 29 | " .. | 40345 | N. Sirois, 32 Craig St., Montreal. | ½ " .. | 20 | ..... |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | No. of Sample. | Remarks and opinion of the Chief Analyst. | |
|--|----------------------|---------------|-------------------------------------|---|----------------|--|----------------------------|
| | Water Soluble. | Ash per cent. | | | | | Microscopical Examination. |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Stand). | | | |

E. BELAND, INSPECTOR—*Concluded.*

| | | | | | | |
|-------|-------|------|------|--|-------|------------------------|
| ..... | 5.96 | | | Pepper tissues only..... | 36636 | Genuine |
| ..... | 10.50 | 3.86 | 6.64 | About 15 per cent wheat flour. | 36637 | Ash high. Adulterated. |
| ..... | 15.10 | 7.30 | 7.80 | About 20 per cent wheat flour and cayenne tissues. | 36638 | " " |
| ..... | 7.36 | 4.78 | 2.58 | Pepper tissues only..... | 36639 | " " |
| ..... | 9.00 | 4.20 | 4.80 | About 20 per cent wheat flour | 36640 | " " |
| ..... | 5.20 | | | Pepper tissues only..... | 36641 | Genuine. |

J. C. ROULEAU, INSPECTOR.

| | | | | | | |
|--------------|-------|------|-------|--|------|------------------------|
| ..... | 4.84 | | | Stone cells in excess. Probably from coconut shells. | 1228 | Adulterated. |
| ..... | 16.16 | 5.00 | 11.16 | About 25 per cent wheat flour | 1229 | Ash high. Adulterated. |
| ..... | 4.92 | | | Pepper tissues only..... | 1230 | Genuine. |
| ..... | 8.04 | 4.04 | 4.00 | About 20 per cent maize flour | 1231 | Ash high. Adulterated. |
| ..... | 6.24 | | | Pepper tissues only..... | 1232 | Genuine. |
| ..... | 4.68 | | | Trace of foreign starch..... | 1233 | Doubtful. |
| ..... | 4.38 | | | Pepper tissues only..... | 1234 | Genuine. |
| Duchess..... | 3.84 | | | " | 1235 | " |
| ..... | 10.44 | 4.70 | 5.74 | About 30 per cent wheat flour | 1236 | Ash high. Adulterated. |
| ..... | 14.10 | 5.52 | 8.58 | Trace of wheat starch present | 1237 | " |

J. J. COSTIGAN, INSPECTOR.

| | | | | | | |
|-------|-------|------|-------|--|-------|------------------------|
| ..... | 4.80 | | | Pepper tissues only..... | 40336 | Genuine. |
| ..... | 5.40 | | | " | 40337 | " |
| ..... | 7.10 | | | " | 40338 | Ash high. Doubtful. |
| ..... | 5.30 | | | Trace of wheat flour present. | 40339 | Doubtful. |
| ..... | 5.24 | | | About 10 per cent maize and wheat flour. | 40340 | Adulterated. |
| ..... | 7.20 | 3.80 | 3.40 | Trace of wheat flour present. | 40341 | Ash high. Doubtful. |
| ..... | 10.88 | 6.32 | 4.56 | Trace of wheat starch present | 40342 | Ash high. Adulterated. |
| ..... | 11.54 | 4.64 | 6.90 | About 30 per cent wheat flour | 40343 | " |
| ..... | 6.30 | 2.26 | 4.04 | Trace of wheat flour present. | 40344 | Doubtful. |
| ..... | 19.70 | 5.70 | 14.00 | Pepper tissues only..... | 40345 | Ash high. Adulterated. |

| 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 OTTAWA— | | | | | | |
| 1909. | | | | | | |
| Sept. 22 | Black Pepper... | 42811 | C. S. Northcott, Vankleek Hill | ½ lb .. | 15 | Unknown..... |
| " 25 | " .. | 42812 | C. A. Farmer, Perth..... | ½ " .. | 15 | Pure Gold Mfg. Co., Ltd., Toronto. |
| " 27 | " .. | 42813 | P. Legault, Gatineau Point.... | ½ " .. | 20 | Unknown..... |
| " 28 | " .. | 42814 | H. R. Sawdon, Spencerville.... | ½ " .. | 15 | H. N. Bate & Sons, Ottawa.. |
| " 29 | " .. | 42815 | E. G. Campeau, Alexandria.... | ½ " .. | 13 | S. H. Ewing & Son, Montreal |
| Oct. 4 | " .. | 42816 | A. S. Russell, Galetta..... | ½ " .. | 15 | Jas. Turner & Co., Hamilton. |
| " 4 | " .. | 42817 | D. B. Eastman, Kinburn..... | ½ " .. | 12 | Turner & Co., Hamilton..... |
| " 5 | " .. | 42818 | Mitchell Bros., Ottawa..... | ½ " .. | 20 | C. H. Cochrane & Co., Ottawa-wa. |
| " 5 | " .. | 42819 | Miss Smith, Ottawa | ½ " .. | 18 | S. J. Major Ltd., Ottawa.... |
| Sept. 24 | " .. | 42820 | Kendrick & Summers, Winchester. | ½ " .. | 20 | S. J. Carter & Co., Montreal |
| DISTRICT OF KINGSTON— | | | | | | |
| Sept. 7 | Black Pepper... | 42726 | C. S. Litton, Kingston..... | ½ lb .. | 20 | H. Cochrane, Ottawa. |
| " 7 | " .. | 42727 | C. Saunders, Kingston..... | ½ " .. | 20 | Gorman & Eckert, London, Ont. |
| " 7 | " .. | 42728 | C. Pickering, Kingston..... | ½ " .. | 15 | Lowe, Toronto..... |
| " 7 | " .. | 42729 | Anderson Bros., Kingston..... | ½ " .. | 20 | Hamilton Spice & Coffee Co., Hamilton. |
| " 7 | " .. | 42730 | E. S. Suddard, Kingston..... | ½ " .. | 13 | Greig, Toronto..... |
| " 7 | " .. | 42731 | Kirk & Lee, Kingston | ½ " .. | 20 | McLarn's, Hamilton..... |
| " 7 | " .. | 42732 | Keley Bros., Kingston..... | ½ " .. | 15 | Pure Gold, Toronto..... |
| " 7 | " .. | 42733 | Geo. Gibson, Kingston..... | ½ " .. | 20 | Lister Pure Food Co., Toronto. |
| " 8 | " .. | 42734 | S. Fourt, Port Hope | ½ " .. | 15 | Red Feather..... |
| " 8 | " .. | 42735 | F. Rosovear, Port Hope | ½ " .. | 15 | Lowe's, Toronto..... |
| DISTRICT OF TORONTO— | | | | | | |
| Sept. 13 | Black Pepper... | 41372 | A. H. Zurbrigg, Markham.... | ½ lb .. | 20 | Unknown |
| " 14 | " .. | 41373 | A. MacPhail, Uxbridge..... | ½ " .. | 15 | G. S. Dunn & Co., Hamilton |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

J. A. RICKEY, INSPECTOR.

| | p.c. | p.c. | p.c. | p.c. | | | |
|-------|-------|-------|-------|-------|---------------------------------------|-------|-----------------------------|
| | | 5.16 | ..... | ..... | Pepper tissues only..... | 42811 | Genuine. |
| | | 5.74 | ..... | ..... | " ..... | 42812 | " |
| | | 4.50 | ..... | ..... | " ..... | 42813 | " |
| | | 4.38 | ..... | ..... | " ..... | 42814 | " |
| | | 3.00 | ..... | ..... | Trace of wheat flour present | 42815 | Doubtful. |
| | | 3.74 | ..... | ..... | Pepper tissues only..... | 42816 | Genuine. |
| | | 4.88 | ..... | ..... | " ..... | 42817 | " |
| | | 4.36 | ..... | ..... | " ..... | 42818 | " |
| | | 5.30 | ..... | ..... | Trace of wheat starch present | 42819 | Doubtful. |
| | | 11.90 | 3.66 | 8.24 | About 40 per cent wheat and maize. | 42820 | Ash high. Adul- terated. |

JAS. HOGAN, INSPECTOR.

| | | | | | | | |
|-------|------|-------|-------|-------|--|-------|--------------|
| ..... | 4.58 | ..... | ..... | ..... | Pepper tissues only..... | 42726 | Genuine. |
| ..... | 3.84 | ..... | ..... | ..... | " ..... | 42727 | " |
| ..... | 3.00 | ..... | ..... | ..... | " ..... | 42728 | " |
| ..... | 4.40 | ..... | ..... | ..... | " ..... | 42729 | " |
| ..... | 4.12 | ..... | ..... | ..... | About 10 per cent of wheat and maize. | 42730 | Adulterated. |
| ..... | 4.64 | ..... | ..... | ..... | Pepper tissues only..... | 42731 | Genuine. |
| ..... | 4.52 | ..... | ..... | ..... | " ..... | 42732 | " |
| ..... | 4.68 | ..... | ..... | ..... | " ..... | 42733 | " |
| ..... | 4.28 | ..... | ..... | ..... | " ..... | 42734 | " |
| ..... | 5.74 | ..... | ..... | ..... | " ..... | 42735 | " |

H. J. DAGER, INSPECTOR.

| | | | | | | | |
|---|------|-------|-------|-------|---|-------|--------------|
| "Bison" brand. Pure..... black pepper. | 3.80 | ..... | ..... | ..... | Pepper tissues only..... | 41372 | Genuine. |
| ..... | 4.80 | ..... | ..... | ..... | About 10 per cent wheat flour and slight excess of stone cells. | 41373 | Adulterated. |

| 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 TORONTO— | | | | | | |
| 1909. | | | | | | |
| " 14 | Black Pepper... | 41374 | Edwards Bros., Beaverton | ½ " | 13 | Pure Gold Mfg. Co., Ltd., Toronto. |
| " 15 | " | 41375 | John Wilson, Orillia..... | ½ " | 15 | Unknown |
| " 16 | " | 41376 | W. Johnson, Midland..... | ½ " | 15 | Todhunter, Mitchell & Co., Toronto. |
| " 16 | " | 41377 | H. C. Doersam, Penetang..... | ½ " | 20 | Geo. Bristol, Hamilton..... |
| " 17 | " | 41378 | E. A. Sibbald, Barrie..... | ½ " | 20 | Lumsden Bros., Hamilton... |
| " 17 | " | 41379 | M. J. Douglas, Bradford | ½ " | 15 | The White Swan Spices and Cereals, Ltd., Toronto. |
| " 22 | " | 41380 | Mrs. J. Lovejoy, Hamilton..... | ½ " | 20 | G. S. Dunn & Co., Hamilton. |
| " 22 | " | 41381 | S. Nicholson, Hamilton..... | ½ " | 20 | " " .. |
| DISTRICT OF LONDON— | | | | | | |
| Sept. 13 | Black Pepper... | 30817 | Pickard & Fleming, St. Mary's | ½ lb .. | 13 | Gorman & Eckert, London, Ont. |
| " 14 | " | 30824 | Flaherty & Co., Stratford..... | ½ " | 15 | McLaren's, Hamilton |
| " 14 | " | 30825 | Beaigh & Co., Stratford..... | ½ " | 15 | Unknown |
| " 15 | " | 30830 | J. H. Monteth, Stratford..... | ½ " | 15 | London Canning and Supply Co., London, Ont. |
| " 15 | " | 30833 | C. J. Moore, Mitchell | ½ " | 15 | Mayell & Co., Toronto |
| " 15 | " | 30835 | Peter Dill, Dublin | ½ " | 20 | F. F. Dalley Co., Ltd., Hamilton. |
| " 20 | " | 30844 | J. A. McCrea, Guelph..... | ½ " | 15 | Todhunter & Mitchell, Toronto. |
| " 21 | " | 30849 | O. C. Whitely, Goderich..... | ½ " | 15 | A. M. Smith, London..... |
| " 21 | " | 30853 | Morrish & Venetteo, Goderich..... | ½ " | 15 | McEwing Bros., Goderich... |
| " 22 | " | 30856 | Jas. Cutt, Blythe..... | ½ " | 13 | F. F. Dalley Co., Ltd., Hamilton. |
| DISTRICT OF WINDSOR— | | | | | | |
| Oct. 4 | Black Pepper... | 42602 | Jno. W. Dyer, Chatham..... | ½ lb .. | 15 | Dunn & Co., Hamilton... |
| " 4 | " | 42605 | J. A. Mackiness, Chatham..... | ½ " | 15 | Gorman, Eckert & Co., London, Ont. |
| " 4 | " | 42607 | C. G. Moore, Chatham..... | ½ " | 15 | McLaren Spice Co., Hamilton |
| " 5 | " | 42614 | T. W. Nairn, Walkerville..... | ½ " | 15 | Todhunter & Mitchell, Toronto. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

H. J. DAGER, INSPECTOR—*Concluded.*

| | p.c. | p.c. | p.c. | p.c. | | | |
|-------------------------------|------|------|------|------|--|-------|--------------|
| Absolutely pure black pepper. | 4.58 | | | | Pepper tissues only. | 41374 | Genuine. |
| Superfine pure black pepper. | 5.80 | | | | About 15 per cent wheat and maize flour. | 41375 | Adulterated. |
| Pure black pepper. | 4.50 | | | | Pepper tissues only. | 41376 | Genuine. |
| " | 5.80 | | | | " | 41377 | " |
| " | 4.08 | | | | Trace of wheat starch present | 41378 | Doubtful. |
| " | 4.90 | | | | Pepper tissues only. | 41879 | Genuine. |
| " | 3.90 | | | | About 15 per cent wheat flour. | 41380 | Adulterated. |
| Labelled black pepper. | 3.90 | | | | About 10 per cent wheat flour | 41381 | " |

T. KIDD, INSPECTOR.

| | | | | | | | |
|--|------|--|--|--|------------------------|-------|-----------|
| | 5.80 | | | | Pepper tissues only. | 30817 | Genuine. |
| | 4.26 | | | | " | 30824 | " |
| | 4.60 | | | | Trace of wheat starch. | 30825 | Doubtful. |
| | 4.82 | | | | Pepper tissues only. | 30830 | Genuine. |
| | 4.48 | | | | " | 30833 | " |
| | 4.36 | | | | " | 30835 | " |
| | 5.14 | | | | " | 30844 | " |
| | 5.62 | | | | " | 30849 | " |
| | 5.34 | | | | " | 30853 | " |
| | 4.16 | | | | " | 30856 | " |

JNO. TALBOT, INSPECTOR.

| | | | | | | | |
|--|------|--|--|--|---|-------|--------------|
| Labelled pure black pepper. | 3.64 | | | | About 15 per cent wheat flour and some cocoonut shells. | 42602 | Adulterated. |
| "Forest" City pure spices. | 3.36 | | | | Pepper tissues only. | 42605 | Genuine. |
| "Invincible" spices black pepper, ground pure from specially selected goods. | 4.84 | | | | " | 42607 | " |
| " | 4.28 | | | | " | 42614 | " |

| 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 WINDSOR— | | | | | | |
| 1909. | | | | | | |
| Sept. 5 | Black Pepper... | 42616 | D. Pratt, Walkerville..... | ½ lb .. | 13 | Jno. Scott, Windsor..... |
| " 5 | " " | 42617 | O. Eastman, Walkerville..... | ½ " .. | 15 | Imperial Spice Co., Hamilton |
| " 6 | " " | 42629 | A. Kaines, Essex..... | ½ " .. | 15 | McLaren's, Hamilton..... |
| " 7 | " " | 42633 | G. C. Greives, Kingsville..... | ½ " .. | 15 | Canada Spice and Grocery Co., London, Ont. |
| " 7 | " " | 42635 | A. Campbell, Leamington..... | ½ " .. | 20 | " " " |
| " 7 | " " | 42636 | G. M. Sawyer, Leamington..... | ½ " .. | 20 | Gorman, Eckert & Co., London, Ont. |
| DISTRICT OF MANITOBA— | | | | | | |
| Sept. 15 | Black Pepper... | 39801 | B. Loewen, Winkler..... | ¾ lb .. | 20 | Gold Standard Mfg. Co., Winnipeg. |
| " 15 | " " | 39802 | Wyck & Krockner, Winkler.... | ¾ " .. | 30 | G. S. Dann & Co., Hamilton. |
| " 15 | " " | 39803 | A. Harder, Plum Coulee..... | ½ " .. | 20 | The Codville Co., Winnipeg. |
| " 15 | " " | 39804 | J. I. Bargen, Plum Coulee.... | ¾ " .. | 30 | Gorman, Eckert & Co., London and Winnipeg. |
| " 16 | " " | 39805 | Wm. Mowat, Cypress River.... | 6 oz .. | 30 | Foley Bros, Larson Co., Winnipeg, Edmonton and Vanc. |
| " 27 | " " | 39806 | J. H. Putnam, Dunrea..... | 3 pks. | 25 | Gold Standard Mfg. Co., Winnipeg. |
| " 27 | " " | 39807 | Mrs. W. A. Seebach, Dunrea.... | ½ lb .. | 15 | Gorman, Eckert & Co., London and Winnipeg. |
| " 28 | " " | 39808 | The Allison Macdonald Co., Baldur. | ½ " .. | 20 | Unknown..... |
| " 28 | " " | 39809 | Jas. Overend & Co., Ninette.... | ½ " .. | 15 | " |
| " 28 | " " | 39810 | John Yellowless, Ninette..... | ½ " .. | 15 | Gold Standard Mfg. Co., Winnipeg. |
| DISTRICT OF CALGARY— | | | | | | |
| Sept. 10 | Black Pepper.. | 35612 | Hudson Bay Co., Lethbridge.. | 3 pkgs | 30 | Hudson Bay Co., Winnipeg.. |
| " 10 | " " | 35613 | Bentley & Co., Lethbridge.... | " | 30 | Vendors..... |
| " 10 | " " | 35614 | Bradbur & Co., Lethbridge.... | " | 30 | Gold Standard Co., Winnipeg |
| " 11 | " " | 35615 | Spencer & Todd, Medicine Hat | " | 30 | " " " |
| " 11 | " " | 35616 | H. W. Ireland Co., Medicine Hat. | " | 20 | McLarens Ltd., Hamilton... |
| " 11 | " " | 35617 | R. Dunn, Medicine Hat..... | " | 20 | Georgeson & Co., Calgary... |

PEPPER.

| Inspectors's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|---|----------------------|---------------|-------------------------------------|--|----------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |

JNO. TALBOT, INSPECTOR—Concluded.

| | p.c. | p.c. | p.c. | p.c. | | | |
|--|------|------|------|------|--|-------|------------------------------|
| | | 8.60 | 7.60 | 1.00 | About 15 to 20 per cent of foreign starch, mostly wheat Pepper tissues only..... | 42616 | Ash high. Adul- terated. |
| "Majestic," guaranteed absolutely pure. | | 5.24 | | | | 42617 | Genuine. |
| The quintessence of purity and flavour. | | 4.80 | | | " | 42629 | " |
| "Crest" brand pure spices. | | 4.84 | | | " | 42633 | " |
| " " " " | | 4.56 | | | " | 42635 | " |
| "Forest" City pure spices. | | 1.40 | | | " | 42636 | Is white pepper. Genuine. |

A. C. LARIVIERE, INSPECTOR.

| | p.c. | p.c. | p.c. | p.c. | | | |
|--|------|------|------|------|---|-------|--------------|
| "Gold Standard" pure ground black pepper. | | 5.34 | | | Pepper tissues only..... | 39801 | Genuine. |
| "Red Cross" selected spice black pepper. | | 4.00 | | | About 10 per cent wheat flour, cayenne tissue. | 39802 | Adulterated. |
| | | 5.64 | | | Pepper tissues only..... | 39803 | Genuine. |
| "Forest City" pure black pepper. | | 0.96 | | | " | 39804 | " |
| "Premier" brand spices pure black pepper. | | 5.08 | | | " | 39805 | " |
| "Gold Standard" pure ground black pepper. | | 5.50 | | | " | 39806 | " |
| "Forest City" pure spices pepper. | | 4.44 | | | " | 39807 | " |
| | | 4.40 | | | " | 39808 | " |
| | | 5.24 | | | " | 39809 | " |
| | | 5.60 | | | " | 39810 | " |

R. W. FLETCHER, INSPECTOR.

| | p.c. | p.c. | p.c. | p.c. | | | |
|-------|------|------|------|------|--------------------------|-------|----------|
| | | 5.24 | | | Pepper tissues only..... | 35612 | Genuine. |
| | | 4.48 | | | " " | 35613 | " |
| | | 5.08 | | | " " | 35614 | " |
| | | 5.48 | | | " " | 35615 | " |
| | | 5.00 | | | " " | 35616 | " |
| | | 5.00 | | | " " | 35617 | " |

| 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 CALGARY— | | | | | | |
| 1909. | | | | | | |
| Oct. 7 | Black Pepper... | 35618 | Acme Co., Edmonton..... | 3 pkgs | 30 | White Swan Spice Co., Ltd., Toronto. |
| " 7 | " .. | 35619 | Gariepy & Lessard, Edmonton | " | 30 | Blue Ribbon, Ltd., Winnipeg |
| " 7 | " .. | 35620 | Hallier & Aldridge, Edmonton | " | 30 | Balfour & Co., Hamilton.... |
| " 7 | " .. | 35621 | J. H. Morris & Co., Edmonton | " | 30 | White Star Mfg. Co., Winnipeg. |
| DISTRICT OF VANCOUVER— | | | | | | |
| Sept. 14 | Black Pepper... | 37736 | A. Gaudin, New Westminster. | 3 tins | 30 | Wilson & Co., Victoria..... |
| " 14 | " .. | 37737 | Geo. Adams, New Westminster | " | 30 | Kelly Douglas & Co., Vancouver. |
| " 15 | " .. | 37738 | J. A. McMillan, North Vancouver. | " | 30 | Empress Mfg. Co., Vancouver |
| " 17 | " .. | 37739 | Rubinowitz Department Store, Steveston. | " | 30 | Pioneer Coffee & Spice Mills, Victoria. |
| " 17 | " .. | 37740 | J. E. Steady, Vancouver..... | ½ lb. | 50 | Kelly, Douglas & Co., Vancouver. |
| " 17 | " .. | 37741 | Mrs. A. Nicholson, Vancouver. | " | 25 | Oriental Mills, Vancouver... |
| " 17 | " .. | 37742 | Tung Chong Co., Vancouver.. | 3 pkgs | 30 | Todhunter, Mitchell Co., Toronto. |
| " 17 | " .. | 37743 | City Grocery, Vancouver..... | ½ lb. | 30 | Braid & Co., Vancouver..... |
| " 18 | " .. | 37744 | C. Groth, Vancouver..... | 3 tins | 30 | Oriental Mills, Vancouver... |
| " 18 | " .. | 37745 | Empress Mfg. Co., Vancouver. | ½ lb. | 30 | Empress Mfg. Co., Vancouver |
| DISTRICT OF VICTORIA— | | | | | | |
| Oct. 14 | Black Pepper... | 41559 | Windsor Grocery Co., Victoria, B. C. | 3 pks. | 30 | Pioneer Coffee & Spice Mills, Ltd., Victoria, B. C. |
| " 15 | " .. | 41560 | The West End Grocery Co., Ltd., Victoria, B. C. | 3 " | 30 | R. P. Rithet & Co., Ltd., Victoria, B. C. |
| " 15 | " .. | 41561 | Copas & Young, Victoria, B. C. | 3 " | 30 | J. Braid & Co., Vancouver.. |
| " 15 | " .. | 41562 | J. W. Speed, Victoria, B. C. | ½ lb.. | 20 | Todhunter Mitchell & Co., Toronto. |
| " 15 | " .. | 41563 | Saunders Grocery Co., Ltd., Victoria, B. C. | ½ " | 15 | J. Braid & Co., Vancouver.. |
| " 15 | " .. | 41564 | Wm. B. Hall, Victoria, B. C. | ½ " | 20 | Oriental Mills, Vancouver... |
| " 15 | " .. | 41565 | Harrison & McDonald, Victoria, B. C. | 3 pks. | 45 | A. Shilling & Co., San Francisco, Cal. |
| " 16 | " .. | 41566 | W. A. Jameson, Victoria, B. C. | 3 " | 30 | F. F. Dalley Co., Ltd., Hamilton. |
| " 18 | " .. | 41567 | L. Dickson, Victoria, B. C. | 3 " | 30 | E. R. Durkee & Co., New York, U.S.A. |
| " 18 | " .. | 41568 | E. G. Bailey, Victoria, B. C. | 3 " | 30 | Empress Mfg. Co., Vancouver B. C. |

PEPPER.

| Inspector's Report. (Is not an expression of opinion). | RESULTS OF ANALYSIS. | | | | Microscopical Examination. | No. of Sample. | Remarks and opinion of the Chief Analyst. |
|--|----------------------|---------------|-------------------------------------|--|---------------------------------|----------------|--|
| | Water Soluble. | Ash per cent. | | | | | |
| | | Total. | Soluble in Hydrochloric Acid. | Insoluble in Hydrochloric Acid (Sand). | | | |
| R. W. FLETCHER, INSPECTOR—Concluded. | | | | | | | |
| | p.c. | p.c. | p.c. | p.c. | | | |
| | | 4.84 | | | About 10 per cent maize flour | 35618 | Adulterated. |
| | | 3.94 | | | Pepper tissues only. | 35619 | Genuine. |
| | | 4.60 | | | " " | 35620 | " |
| | | 5.16 | | | " " | 35621 | " |
| J. F. POWER, INSPECTOR. | | | | | | | |
| Guaranteed first quality | 4.14 | | | | Pepper tissues only. | 37736 | Genuine. |
| Guaranteed absolutely pure. | 4.58 | | | | " " | 37737 | " |
| Full strength. | 5.24 | | | | " " | 37738 | " |
| Empire Brand, guaranteed absolutely pure. | 4.80 | | | | " " | 37739 | " |
| | 2.76 | | | | About 25 per cent wheat flour | 37740 | Adulterated. |
| | 5.50 | | | | Trace of what starch present. | 37741 | Doubtful. |
| Guaranteed absolutely pure. | 3.50 | | | | Pepper tissues only. | 37742 | Genuine. |
| | 3.90 | | | | " " | 37743 | " |
| Full strength. | 4.04 | | | | " " | 37744 | " |
| " | 5.64 | | | | " " | 37745 | " |
| D. OSULLIVAN, INSPECTOR. | | | | | | | |
| 'Empire' Black pepper | 6.04 | | | | Pepper tissues only. | 41559 | Genuine. |
| 'St. James' Black pepper. | 5.82 | | | | " " | 41560 | " |
| Guaranteed pure. | 6.00 | | | | " " | 41561 | " |
| Labeled Todhunter's pure Black Pepper. | 4.40 | | | | " " | 41562 | " |
| | 5.60 | | | | " " | 41563 | " |
| | 4.14 | | | | Trace of foreign starch present | 41564 | Doubtful. |
| "Shilling's Best" | 4.40 | | | | Pepper tissues only. | 41565 | Genuine. |
| "Victoria" pure Black pepper. | 3.24 | | | | " " | 41566 | " |
| "Gauntlet" Black pepper. | 4.46 | | | | " " | 41567 | " |
| "Empress" Black pepper. | 5.70 | | | | " " | 41568 | " |

