

LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA

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MAPLE SYRUP AND SUGAR

OTTAWA, June 6, 1905.

W. J. GERALD, Esq.

Deputy Minister of Inland Revenue.

SIR,—On the 1st February last, I received instructions to cause samples of maple syrups and sugars to be obtained and analysed. Subsequently it was decided that two collections of these should be made; one previous to the maple sugar season in the spring of this year, and another after the produce of that season had been placed on the market. The particulars regarding the origin of these samples and the result of their examination are given in the accompanying tables I to IV. The details of the analyses are not given, and it is considered sufficient to state that the methods followed were in the main those which have been recommended by Mr. C. H. Jones in the 17th Annual Report of the Vermont Agricultural Experiment Station, 1903-4.

The samples on examination yielded results which cause them to be classified as follows :—

Collection	Table.	Genuine.	Doubtful.	Adulterated.	Total.
First	I.—Syrups. ....	17	4	76	97
do	II.—Sugars. ....	12	2	8	22
Second	III.—Syrups ....	44	2	29	75
do	IV.—Sugars. ....	15	0	3	18
		88	8	116	212

From these figures it follows that in the first collection only 24·3 per cent of the samples were found to be genuine, whereas in the second collection there was a great improvement 63·4 per cent being found to be genuine.

I beg to recommend the publication of this report.

I have the honour to be, sir, your obedient servant,

THOMAS MACFARLANE,

*Chief Analyst.*