

LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT

BULLETIN No. 91.

WHITE LEAD IN OIL, 1903.

OTTAWA, Nov. 4, 1903.

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

SIR,—I beg to present this report regarding 147 samples of white lead in oil which, in accordance with your instructions of August 11 last, were collected in the various districts of the Dominion as follows:—

	Number
Nova Scotia and P. E. Island.....	24
New Brunswick.....	16
Quebec.....	18
Montreal.....	15
Kingston.....	14
Toronto.....	16
London.....	14
Manitoba and North-west.....	18
British Columbia.....	12
Total.....	147

The table appended to this report gives the names under which these samples were sold, and the results of their examination in this laboratory, as well as the names of the vendors and furnishers of the samples. Besides ascertaining the absence of 'barytes,' the commercial name of the mineral, barite, finely ground, or its percentage when present, search was made for acid-soluble sulphuric acid and lime, in order to detect adulteration by sulphate of lime or by common whiting. These, it will be observed, were very seldom found, the chief adulterant being barytes. The table also gives in the remark column the conclusions drawn by myself from the results of the testing, according to which the total number of samples examined may be classified as follows:—

Genuine.....	100
Slightly impure.....	2
Adulterated, but not sold as pure.....	2
Adulterated, but sold under special names.....	25
Adulterated, sold as white lead.....	12
Prepared paints not sold as white lead.....	6
Total.....	147