



CALA

Canadian Association for
Laboratory Accreditation Inc.

CALA Directory of Laboratories

Membership Number: 3306

Laboratory Name: Flett Research Ltd.

Parent Institution:

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Standard: Conforms with requirements of ISO/IEC 17025

Clients Served: All Interested Parties

Revised On: June 5, 2018

Valid To: June 4, 2020

Scope of Accreditation

Solids (Inorganic)

Mercury - Solids [Soil] (002)

T00130; modified from ANALYTICA CHIMICA ACTA 281: 135-152 and EPA 1631E

CVAFS - DIGESTION

Mercury

Solids (Inorganic)

Mercury - Solids [Soil] (011)

T00210; modified from EPA 7473

MERCURY ANALYZER

Mercury

Solids (Inorganic)

Methyl Mercury - Solids [Soil] (015)

M10240; modified from ANALYTICA CHIMICA ACTA: 135-152 and EPA 1630

CVAFS - DISTILLATION (AUTOMATED)

Methylmercury

Solids (Radiochemistry)

Lead-210 - Solids [Soil] (017)

N20110; modified from EAKINS & MORRISON. JOURNAL OF APPLIED RADIATION & ISOTOPES 29, 531-536

DIGESTION/DISTILLATION-ALPHA SPECTROSCOPY

Lead-210

Solids (Radiochemistry)

Radionuclides - Solids [Soil] (018)

N30120; modified from EML HASL-300 METHOD GA-01-R

GAMMA SPECTROMETRY (HPGe)

Actinium-228

Americium-241

† "OSDWA" indicates the appendix is used for the analysis of Ontario drinking water samples, which is subject to the rules and related regulations under the Ontario "Safe Drinking Water Act" (2002).

The list of tests and measurement capabilities for which a laboratory is accredited can change at any time due to circumstances such as scope extensions, voluntary withdrawal of tests by the laboratory and suspension. Scopes are published by the CALA via the Internet at http://www.cala.ca/cala_directories.html

Bismuth-214
Cesium-134
Cesium-137
Cobalt-60
Lead-212
Lead-214
Potassium-40
Thorium-234

Solids (Radiochemistry)

Radium-226 - Solids [Soil] (019)
N40110; modified from MATHIEU BISCAYE, LUPTON & HAMMOND. HEALTH PHYSICS 55, 989-992
DIGESTION-RN-222 EMANATION-ALPHA SPECTROMETRY
Radium-226 (Rn-222)

Tissue (Inorganic)

Mercury - Tissue [Biological] (003)
T00110; modified from ANALYTICAL CHEMISTRY 48: 926-928 and EPA 1631E
CVAFS - DIGESTION
Mercury

Tissue (Inorganic)

Mercury - Tissue [Biological] (010)
T00210; modified from EPA 7473
MERCURY ANALYZER
Mercury

Tissue (Inorganic)

Methyl Mercury - Tissue [Biological] (012)
M 10220; modified from CAN. J. FISH. AQUAT. SCI. 49:1010-1017 and EPA 1630
CVAFS - DIGESTION
Methylmercury

Water (Inorganic)

Mercury - Water (001)
T00120; modified from EPA 1631E
CVAFS - OXIDATION
Mercury

Water (Inorganic)

Methyl Mercury - Water (016)
M10210, M10211; modified from EPA 1630
CVAFS - DISTILLATION
Methylmercury

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