



# CALA

Canadian Association for  
Laboratory Accreditation Inc.

## CALA Directory of Laboratories

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**Membership Number:** 3306

**Laboratory Name:** Flett Research Ltd.

**Parent Institution:**

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**Contact:** Dr. Robert J. Flett

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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

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### 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](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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