

# Canadian Association for Laboratory Accreditation Inc.



## Certificate of Accreditation

EMSL Canada Inc. (Calgary)  
EMSL Analytical Inc.  
2333 18th Avenue NE  
Unit 48  
Calgary, Alberta

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

Accreditation No.: 1003942  
Issued On: 10/13/2022  
Accreditation Date: 3/12/2015  
Expiry Date: 4/13/2025



A handwritten signature in black ink, appearing to read "K. McKinley", written over a horizontal line.

President and CEO



# CALA Scope of Accreditation

**Laboratory Name:** EMSL Canada Inc. (Calgary)

**Client ID:** 1003942

**Parent Institution:** EMSL Analytical Inc.

**Address:** 2333 18th Avenue NE, Unit 48, Calgary, Alberta, T2E 8T6

**Contact:**

**Email:**

**Phone:**

**Fax:**

**Standard:** Conforms with requirements of ISO/IEC 17025:2017

**Clients Served:** All Interested Parties

**Revised On:** 06/20/2023

**Valid To:** 04/13/2025

## 001 - Asbestos

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**Field of Accreditation:** Environmental

**Matrix:** Air

**Analytical Method:** PHASE CONTRAST MICROSCOPY (PCM)/FIBRE ANALYSIS

**Preparation Method:**

**Lab Method ID(s):** ASB-SOP-300

Method Reference	Modified From	Analytical Method	Preparation Method
NIOSH 7400	No	Yes	No

**Parameter**  
Asbestos

## 003 - Fungi

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**Field of Accreditation:** Environmental

**Matrix:** Air

**Analytical Method:** MICROSCOPY

**Preparation Method:**

**Lab Method ID(s):** MICRO-SOP-201

Method Reference	Modified From	Analytical Method	Preparation Method
ASTM D7391-09	No	Yes	No

**Parameter**  
Fungal Propagule - Genus

## 004 - Fungi

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**Field of Accreditation:** Environmental

**Matrix:** Solids

**Analytical Method:** MICROSCOPY

**Preparation Method:**

**Lab Method ID(s):** MICRO-SOP-200

Method Reference	Modified From	Analytical Method	Preparation Method
IN-HOUSE	No	Yes	No

**Parameter**  
Fungal Propagule - Genus

## 005 - Lead

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**Field of Accreditation:** Environmental

**Matrix:** Solids

**Analytical Method:** ATOMIC ABSORPTION SPECTROSCOPY (AAS)

**Preparation Method:** DIGESTION

**Lab Method ID(s):** LMBL-SOP-200

Method Reference	Modified From	Analytical Method	Preparation Method
EPA 7000B	No	Yes	No

**Parameter**  
Lead

## 006 - Lead

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**Field of Accreditation:** Environmental

**Matrix:** Air

**Analytical Method:** ATOMIC ABSORPTION SPECTROSCOPY (AAS)

**Preparation Method:** DIGESTION

**Lab Method ID(s):** LMBL-SOP-200

Method Reference	Modified From	Analytical Method	Preparation Method
NIOSH 7082	No	Yes	No

**Parameter**  
Lead

007 - Toxicity Characteristic Leachate Procedure (TCLP)

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**Field of Accreditation:** Environmental

**Matrix:** Solids

**Analytical Method:** ATOMIC ABSORPTION SPECTROSCOPY (AAS)

**Preparation Method:** ACID DIGESTION

**Lab Method ID(s):** LMBL-SOP-50

Method Reference	Modified From	Analytical Method	Preparation Method
EPA 1311	No	Yes	No

**Parameter**

Leachable Lead

008 - Trace Elements

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**Field of Accreditation:** Environmental

**Matrix:** Air

**Analytical Method:** ICP/OES

**Preparation Method:** ACID DIGESTION

**Lab Method ID(s):** IH-SOP-450, IH-SOP-451

Method Reference	Modified From	Analytical Method	Preparation Method
NIOSH 7303	Yes	No	Yes

**Parameter**

Arsenic

Barium

Chromium

Lead

009 - Trace Elements

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**Field of Accreditation:** Environmental

**Matrix:** Solids

**Analytical Method:** ICP/OES

**Preparation Method:** ACID DIGESTION

**Lab Method ID(s):** LMBL-SOP-300

Method Reference	Modified From	Analytical Method	Preparation Method
EPA 6010D	Yes	No	Yes
NIOSH 9102	Yes	No	Yes

**Parameter**

Arsenic

Barium

Chromium

Lead

+ "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)