



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**AnalytiChem Canada Inc**  
21800 Clark Graham  
Baie d'Urfé, Quebec, Canada H9X 4B6

Fulfills the requirements of

**ISO 17034:2016**

In the field of

**REFERENCE MATERIAL PRODUCER**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 15 June 2025

Certificate Number: AR-3219



This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016.  
This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer quality management system.

## SCOPE OF ACCREDITATION TO ISO 17034:2016

**AnalytiChem Canada Inc**  
21800 Clark Graham  
Baie d'Urfé, Quebec, Canada H9X 4B6

Fatiha Riane

[quality.montreal@analytichem.com](mailto:quality.montreal@analytichem.com)

### REFERENCE MATERIAL PRODUCER

Valid to: **June 15, 2025**

Certificate Number: **AR-3219**

#### Chemical

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Reference Materials and Certified Reference Materials	Concentration of aqueous solution single-element or multi-element solutions	ICP-AES ICP-MS
Reference Materials and Certified Reference Materials	Purity of neat elements	ICP-AES ICP-MS
Reference Materials and Certified Reference Materials	Concentration of halides in organic solutions	ICP-AES
Reference Materials and Certified Reference Materials	Concentration of single or multiple anions and cations in aqueous solutions	IC ICP-AES ICP-MS Titration
Reference Materials and Certified Reference Materials	pH value of aqueous buffer solutions	pH measurement with glass electrode
Reference Materials and Certified Reference Materials	Conductivity of aqueous solutions	Conductivity meter
Reference Materials and Certified Reference Materials	Density of liquids	Digital density meter
Reference Materials and Certified Reference Materials	Concentration of single or multi-components of Metallo-Organic Compounds and Wear Metals in oil <sup>2</sup>	ICP-AES



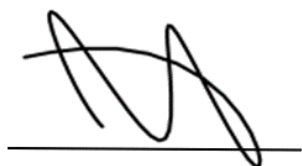
**ANSI National Accreditation Board**

Reference Materials and Certified Reference Materials	Concentration of Metallo-Organic Compounds: Sulfur in Mineral Oil, Diesel, Residual oil, Isooctane, Biodiesel, Xylene, Ethanol, Crude Oil and Premisolv <sup>2</sup>	Fluorescence Spectroscopy (UV)
Reference Materials and Certified Reference Materials	Viscosity Standards <sup>2</sup>	Master Viscometer
Reference Materials and Certified Reference Materials	Total Acid Number Standards (TAN) <sup>2</sup>	Potentiometric Titration
Reference Materials and Certified Reference Materials	Total Base Number Standards (TBN) <sup>2</sup>	Potentiometric Titration
Reference Materials and Certified Reference Materials	Flash Point Standards <sup>2</sup>	Pensky-Martens Closed Cup
Reference Materials and Certified Reference Materials	Total Alkalinity	Titration
Reference Materials and Certified Reference Materials	Hardness	ICP-AES/ Calculation
Reference Materials and Certified Reference Materials	Chemical Oxygen Demand Standards (COD)	Spectrophotometry
Reference Materials, Certified Reference Materials and Volumetric Solutions	Acid Base Reagents	Titration
Reference Materials, Certified Reference Materials and Volumetric Solutions	Boric Acid	ICP-AES
Reference Materials, Certified Reference Materials and Volumetric Solutions	Silver Nitrate	Potentiometric Titration
Matrix Reference Materials <sup>3</sup>	EnviroMAT – Contaminated Soil	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	EnviroMAT – Sewage Sludge	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	EnviroMAT – Compost	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	EnviroMAT – Drinking Water	Interlaboratory Study

Matrix Reference Materials <sup>3</sup>	EnviroMAT – Ground Water	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	EnviroMAT – Wastewater	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	EnviroMAT – Used Oil	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	AgroMAT – Clay Soil	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	AgroMAT – Sandy Soil	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	Lead in Paint	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	Cadmium and Lead in Paint	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	pE Check – Nutrients	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	pE Check – Minerals	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	pE Check – Solids	Interlaboratory Study
Matrix Reference Materials <sup>3</sup>	pE Check – COD (Chemical Oxygen Demand)	Interlaboratory Study

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm values, and other specific lot values. Some of this information may also be available on the RMP's website.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-3219.
3. Sold under the brand name Conostan, which is owned by AnalytiChem and manufactured by SCP Science. These reference materials are intended for use as quality control materials, or other purposes that do not require metrological traceability of property values (such as calibration or value transfer)



Jason Stine, Vice President