

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** LORING TARCORE LABS LTD.

Location Name or Operating as (if applicable): Calgary

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**To ensure compliance with the *Official Languages Act*, the Standards Council of Canada (SCC) translated proprietary content from English to French when it was not available in French. In case of discrepancies between the English and French versions, the original version of the method prevails.**

<b>SCC File Number:</b>	151042
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Chemical/Physical
<b>Program Specialty Area:</b>	Mineral Analysis
<b>Initial Accreditation:</b>	2018-03-15
<b>Most Recent Accreditation:</b>	2023-09-05
<b>Accreditation Valid to:</b>	2026-03-15

*Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.*

*Note: This scope of accreditation is also available in French as a document issued separately.*

**CHEMICALS AND CHEMICAL PRODUCTS**

**Petrochemical Products (not specified elsewhere):**

**(Aqueous Samples)**

LT_SOP_019_IC	IC Determination of Anions in Aqueous Samples using Ion Chromatography (IC) (EPA 300.1, 1997) Bromide (Br) Chloride (Cl) Fluoride (F) Nitrate (NO <sub>3</sub> ) Nitrite (NO <sub>2</sub> ) Phosphate (PO <sub>4</sub> ) Sulfate (SO <sub>4</sub> )
LT_SOP_020_ICP	Determination of Cations in Aqueous Samples using Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) (EPA 200.7, 2001) for Aluminum (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Boron (B) Cadmium (Cd) Calcium (Ca) Chromium (Cr) Cobalt (Co) Copper (Cu) Iron (Fe) Lead (Pb) Magnesium (Mg) Manganese (Mn) Nickel (Ni) Potassium (K) Selenium (Se) Silver (Ag) Sodium (Na) Thallium (Tl) Vanadium (V) Zinc (Zn)
LT_SOP_130_Alkalinity	Determination of Alkalinity in Water Samples (ASTM D3875) for Alkalinity Bicarbonate (HCO <sub>3</sub> ) Carbonate (CO <sub>3</sub> ) Calcium Carbonate (CaCO <sub>3</sub> ) Hydroxide (OH)
LT_SOP_P005	Determination of pH and Electrolytic Conductivity (EC) (ASTM D1293 and ASTM D1125)

Number of Scope Listings: 4

**Notes:**

**RG-MINERAL:** SCC Requirements and Guidance for the Accreditation of Mineral Analysis Testing Laboratories

**ASTM:** ASTM International, formerly called American Society for Testing and Materials

**EPA:** United States Environmental Protection Agency



This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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