



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 868

Legal Name of Accredited Laboratory: LORING TARCORE LABS LTD.
Location Name or Operating as (if applicable): Calgary
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SCC File Number:	151042
Accreditation Standard(s):	ISO/IEC 17025:2017
Fields of Testing:	Chemical/Physical
Program Specialty Area:	Mineral Analysis
Initial Accreditation:	2018-03-15
Most Recent Accreditation:	2020-02-17
Accreditation Valid to:	2022-03-15

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 separately issued document.

CHEMICALS AND CHEMICAL PRODUCTS

Petrochemical Products (not elsewhere specified):

Liquids



- 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 (NO₃)
Nitrite (NO₂)
Phosphate (PO₄)
Sulfate (SO₄)
- 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_ Determination of Alkalinity in Water samples (ASTM D3875) for
Alkalinity Bicarbonate (HCO₃)
Carbonate (CO₃)
Hydroxide (OH)
Calcium Carbonate (CaCO₃)
- LT_SOP_P005 Determination of pH and Electrical conductivity (EC) (ASTM D1293 and
ASTM D1125)

Number of Scope Listings: 4



Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories

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

ASTM: 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.

Elias Rafoul
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