

Standards Council of Canada

600-55 Metcalfe Street
Ottawa, ON K1P 6L5
Canada

Conseil canadien des normes

55, rue Metcalfe, bureau 600
Ottawa, ON K1P 6L5
Canada

SCOPE OF ACCREDITATION

LORING TARCORE LABS LTD.
6835 8th Street NE
Calgary, AB
T2E 7H7

Accredited Laboratory No. 868
(Conforms with requirements of ISO/IEC 17025:2005)

CONTACT: Hudson (Hongsui) Sun
TEL: +1 403 295-0588
FAX: +1 403 295-0584
EMAIL: hudson.sun@tarcore.com

CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Chemical/Physical

SCOPE ISSUED ON: 2018-03-15

ACCREDITATION VALID TO: 2022-03-15

CHEMICALS AND CHEMICAL PRODUCTS

Petrochemical Products

Liquids

LT_SOP_018_Extraction Extraction of Oil Sands Samples for the Determination of Soluble Ions and pH/EC
LT_SOP_019_IC IC Determination of Anions in Aqueous Samples using Ion Chromatography (IC)
(Based on EPA 300.1 (1997) "Determination of inorganic Anions in Drinking Water by Ion Chromatography")

LT_SOP_020_ICP	<p>List of Analytes: Bromide (Br), Chloride (Cl), Fluoride (F), Nitrate (NO₃), Nitrite (NO₂), Phosphate (PO₄), Sulfate (SO₄)</p> <p>Determination of Cations in Aqueous Samples Using Inductively Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES) (Based on EPA 200.7 (2001)"Trace elements in water, solids, and biosolids by inductively coupled plasma-atomic emission spectrometry")</p> <p>List of Analytes: 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)</p>
LT_SOP_130_Alkalinity	<p>Determination of Alkalinity in Water samples (Based on ASTM D3875-15 "Standard Test Method for Alkalinity in Brackish Water, Seawater, and Brines")</p> <p>List of Analytes: Bicarbonate (HCO₃), Carbonate (CO₃), Hydroxide (OH), Calcium Carbonate (CaCO₃)</p>
LT_SOP_P005	<p>Determination of pH and Electrical conductivity (EC) (Based on ASTM D1293-12 "Standard Test Methods for pH of Water", and ASTM D1125-14 "Standard Test Methods for Electrical Conductivity and Resistivity of Water")</p>

Elias Rafoul, Vice President
Accreditation Services

Date: 2018-03-15

Number of Scope Listings: 5
SCC 1003-15/1042
Partner File #0
Partner: