TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	**Corem laboratoire des services analytiques**
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SCC File Number:	15032
Provider:	BNQ-EL
Provider File Number:	27833-1
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Program Specialty Area:	Mineral Analysis
Initial Accreditation:	1984-08-15
Most Recent Accreditation:	2024-12-23
Accreditation Valid to:	2028-08-15

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.

Canada

METALLIC ORES AND PRODUCTS

Metallic Ores

Rocks and Ores

LSA-M-AG	Determination of Silver (Ag) in Various Mineral Matrices Using ICP-MS or ICP-OES Following 2-Acid Digestion (HNO3, HCl)
LSA-M-AU	Determination of Gold in Various Mineral Matrices Using ICP-MS or ICP-OES Following Fire Assay
LSA-M-B18	Determination of Total Iron in Concentrated and Agglomerated Iron Ores Using Potassium Dichromate Titration Following Fusion
LSA-M-B33	Determination of Loss on Ignition (LOI) on Various Mineral Matrices at 1 050°C by Muffle Furnace Using Gravimetric Method
LSA-M-B85	Determination of Iron (II) in Various Mineral Matrices Using Potassium Dichromate Titration Following 2-Acid Digestion (HCl, HF)
LSA-M-B121	Determination of Metallic Iron in Direct Reduced Iron and Hot Briquetted Iron Using Potassium Dichromate Titration Following Iron (III) Chloride Oxidation
LSA-M-FX	Determination of Major and Minor Elements in Various Mineral Matrices Using X-ray Fluorescence (XRF) Spectrometry Following Fusion Only for : A25 : Si, Al, Fe, Mg, Ca, Na, K, Ti, Mn, P, Cr, V, Zr and Zn in Various Mineral Matrices A32 : Si, Al, Fe, Mg, Ca, Na, K, Ti, Mn, P, Cr, V, Zr and Zn in Various Mineral Matrices Rich in Carbonates
LSA-M-MET	Determination of metals in Various Matrices by AA, ICP-OES or ICP-MS following digestion Only for : B116 : Y, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu Using ICP-MS Following Lithium Metaborate Fusion OET-MST : Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sr, Th, Ti, V and Zn Using a combination of ICP-MS and ICP-OES Following a 4-Acid Digestion Li-OE-S : Li Using ICP-OES Following a 4-Acid Digestion
LSA-M-SC	Determination of total Sulfur and Carbon in Various Mineral Matrices Using Infrared Combustion Furnace Only for : B10 (graphitic carbon), B12 (organic and graphitic carbon), B41 (soufre) and B45 (total carbon)

LSA-M-TGA	Determination of Loss on Ignition (LOI) on Various Mineral Matrices at 1 000°C by Gravimetric Method Using Thermogravimetric Analyzer (TGA)

Number of Scope Listings: 10

Notes

ICP-OES: Inductively Coupled Plasma - Optical Emission Spectrometry

ICP-MS: Inductively Coupled Plasma - Mass Spectrometry

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
Vice-President, Accreditation Services
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