

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	Canadian Nuclear Safety Commission (CNSC)
Location Name or Operating as (if applicable):	Canadian Nuclear Safety Commission (CNSC) Testing Laboratory
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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.

SCC File Number:	151293
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical Ionizing Radiation
Program Specialty Area:	Environmental Testing (ET)
Initial Accreditation:	2023-10-06
Most Recent Accreditation:	2023-10-06
Accreditation Valid to:	2027-10-06

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.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental:

Water (Inorganic)

E-DOCS#5227358	AWI-Measurement of pH in Water Samples by pH Electrode
E-DOCS#5263464	AWI-Measurement of Ammonia Concentration in Water Samples by Ammonia Ion Selective Electrode
E-DOCS#5452371	AWI-Measurement of Total Dissolved Solids and Total Suspended Solids in Water Samples by Gravimetry
E-DOCS#5452711	AWI-Measurement of Anion Concentrations in Water Samples by Ion Chromatography
E-DOCS#5886529	AWI-Measurement of Trace Element (Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Se, Ag, Sr, Th, Tl, Sn, Ti, U, V, and Zn) Concentrations in Water Samples by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Radio Chemistry

E-DOCS#5557346	AWI-Measurement of Tritium (H-3) Concentration in Water Samples by Liquid Scintillation Counting
E-DOCS#5217939	AWI-Screening for Gross Gamma Activity in Swipe Samples Using Sodium Iodide Detector

Number of Scope Listings: 7

Notes:

ISO/IEC 17025:2017: General requirements for the competence of testing and calibration laboratories

AWI: In-house “Analytical Work Instruction”

* These test methods can be performed on-site as per RG-Lab



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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