

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: University of Northern British Columbia

Location Name or Operating as (if applicable): **Northern Analytical Laboratory Services**

Contact Name: Dr. Hossein Kazemian

Address: 3333 University Way
Prince George, British Columbia
V2N 4Z9

Telephone: 250-960-5713

Website: <https://www.nalslab.ca>

Email: Nals@unbc.ca

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:	151251
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological Chemical/Physical
Program Specialty Area:	Environmental Testing (ET)
Initial Accreditation:	2021-10-04
Most Recent Accreditation:	2023-08-03
Accreditation Valid to:	2025-10-04

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:

Air/ Air Monitoring

<p>NALS_ICPOES_NIOSH7303</p>	<p>Workplace air – Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry (Modified ISO 15202, NIOSH 7303)</p> <p>Analytes:</p> <ul style="list-style-type: none"> Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Hafnium Iron Lead Magnesium Manganese Molybdenum Nickel Potassium Selenium Sodium Tantalum Tellurium Thallium Tin Titanium Tungsten Uranium Vanadium Zinc Zirconium
<p>NIOSH_0500</p>	<p>Particulates not otherwise regulated, Total</p> <p>Technique: Gravimetric (Filter Weight)</p> <p>Analyte: airborne particulate material</p>

Water (Inorganic)
(Drinking, ground, process, recycled and surface waters)

<p>NALS_ICPOES_DW_SOP_20221116</p>	<p>Determination of Metals and Trace Elements in Water by Inductively Coupled Plasma-Optical Emission Spectroscopy (Modified EPA 200.7, BC Ministry Metals Section C)</p> <p>Analytes:</p> <ul style="list-style-type: none"> Barium Boron Cadmium Chromium Cobalt Iron Lead Manganese Tin Zinc Total Phosphorous
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Water (Microbiology)

Wastewater (Microbiology)

<p>NALS_Quantification of Coliforms and E.coli in Water_SOP_20221208</p>	<p>Quantification of Coliforms and <i>E.coli</i> in water samples (modified SM 9223B and Colilert Manufacturer's instructions)</p> <p>Analytes:</p> <ul style="list-style-type: none"> Total Coliforms and <i>Escherichia coli</i>
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Number of Scope Listings:04

Notes:

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

NIOSH: National Institute for Occupational Safety & Health

EPA: Environment Protection Agency

APHA: American Public Health association



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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