

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 129

Legal Name of Accredited Laboratory: Nova Scotia Department of Agriculture

Location Name or Operating as (if applicable): LABORATORY SERVICES

Contact Name: Michelle Sparrow

Address: 176 College Road, Harlow Institute, Harlow Bldg.,
65 River Rd., Hancock Veterinary Bldg., Truro, NS
B2N 5G6

Telephone: +1-902-893-6552

Fax: +1-902-893-4193

Website: <http://www.novascotia.ca/agri/>

Email: michelle.sparrow@novascotia.ca

SCC File Number:	15155
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:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Environmental Testing (ET)
Initial Accreditation:	1993-12-07
Most Recent Accreditation:	2021-10-27
Accreditation Valid to:	2025-12-07

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products (Human and Animal Consumption):

(Hancock Veterinary Building)

LSAHL641	Charm Trio for Beta-Lactams, Sulpha Drugs and Tetracycline in Raw Milk
LSAHL703	Determination of Total Bacteria Counts of Raw Milk Samples by Flow Cytometry (FC)
MFHPB-34	Enumeration of <i>Escherichia</i> and Coliforms in Food Products and Food Ingredients Using 3M Petrifilm™ <i>E. coli</i> Count Plates (LSAHL701, LSDL613) For: dairy products
SMEDP 15.032	Water, Added to Milk, Thermistor Cryoscope (Class A1) (Chemical and Physical Methods) (LSAHL640)
LSAHL800	The Isolation and Identification of Salmonella from Food and Environmental Samples (Modified MFHPB-20)
LSAHL805	The Qualicon BAX® System Method for the Detection of <i>Salmonella</i> in a Variety of Food and Environmental Samples (Modified MFLP-29)
LSAHL820	The Qualicon Bax® System Method for the Detection of <i>Listeria monocytogenes</i> in a Variety of Foods (Modified MFLP-28)

(Harlow Building)

MFHPB-18	Determination of the Aerobic Colony Count in Food (LSDL601)
LSAL410	Crude Protein/Nitrogen in Animal Feeds and Plant Tissue by Combustion Analysis.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental (Harlow Building):

Soil

LSAL408	Determination of Mehlich III Extractable Major and Trace Metal Ions in Soil by ICP-OES (Modified Mehlich III, Commun. Soil. Sci. Plant Anal. 15(12): 1409-1416) For: Aluminum, Boron, Calcium, Copper, Iron, Magnesium, Manganese, Phosphorous (as P ₂ O ₅), Potassium (as K ₂ O), Sodium, Sulphur, Zinc
LSAL409	Determination of Soil Water pH and Lime Requirement using Adams-Evans Buffer by AS3010D pH Analyzer

Water/Wastewater (Chemistry)

LSAL403	Conductivity of Water by Conductivity Meter (Modified SMEWW 2510B) For: Electrolytic conductivity
LSAL400	Major Ions and Trace Metals in Water by ICP-OES (Modified SMEWW 3120B and SMEWW 2340B) For: Aluminum, Barium, Boron, Cadmium, Calcium, Chromium, Copper, Hardness (as CaCO ₃), Iron, Magnesium, Manganese, Potassium, Sodium, Sulfate, Uranium, Zinc
LSAL406	Determination of Nitrate + Nitrite, Chloride, and Alkalinity in Drinking and Environmental Water by Flow Injection Analysis. For: Nitrate + Nitrite-N, Chloride, Alkalinity
LSAL402	pH of Water by pH Meter (Modified SMEWW 4500-H+B)

Water (Microbiology)

LSDL681	Coliform and <i>E. coli</i> Determination in Water Using Colilert and Colisure (Modified SMEWW 9223)
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Number of Scope Listings: 16

Notes:

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

CFIA: Canadian Food Inspection Agency

IDF: International Dairy Federation

LSAL: Laboratory Services Analytical Laboratory

LSDL: Laboratory Services Dairy Laboratory

LSAHL: Laboratory Services Animal Health Laboratory

MFHPB: Microbiology Food Health Protection Branch

MFLP: Microbiology Food Laboratory Procedure

SMEDP: Standard Methods for the Examination of Dairy Products

SMEWW: Standard Methods for the Examination of Water and Wastewater

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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