



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 129

Legal Name of Accredited Laboratory: Nova Scotia Department of Agriculture
LABORATORY SERVICES

Location Name or Operating as (if applicable):

Contact Name: Michelle Sparrow

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SCC File Number:	15155
Provider:	
Provider File Number:	
Accreditation Standard(s):	ISO/IEC 17025:2017
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:	2019-07-10
Accreditation Valid to:	2021-12-07

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.



ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products (Human and Animal Consumption):

Dairy Products

(Hancock Veterinary Building)

LSAHL641	Charm Trio for Beta-Lactams, Sulpha Drugs and Tetracycline in Raw Milk
LSAHL-703	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)
SMEDP 15.032	Water, Added to Milk, Thermistor Cryoscope (Class A1) (Chemical and Physical Methods) (LSAHL640)

(Harlow Building)

LSDL602	SMEDP Fat Determination Mojonnier Method 15.086 of Milk Powders and Method IDF:1996 of Raw and Process Milk
MFHPB-18	Determination of the Aerobic Colony Count in Food (LSDL601)

(Microbiology (Hancock Veterinary Building))

LSAHL800	The Isolation and Identification of Salmonella from Food and Environmental Samples (Modified MFHPB-20)
LSAHL803	National Standard Method for Salmonella Culture and Isolation for Poultry Environmental Samples – Culture Method (CFIA Hatchery Program)
LSAHL805	The Qualicon BAX® System Method for the Detection of Salmonella 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)
MFHPB-21	Enumeration of Staphylococcus aureus in foods (LSAHL702)

Feeds

(Harlow Building)

LSAL410	Crude Protein/Nitrogen in Animal Feeds and Plant Tissue by Combustion Analysis.
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ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY



Environmental

(Harlow Building)

(Soil Inorganic)

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) 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 (Inorganic)

(Conductivity - Water/Wastewater)

LSAL403	Conductivity of Water by Conductivity Meter (Modified SMEWW 2510B)
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(Metals - Water/Wastewater)

LSAL400	Major Ions and Trace Metals in Water by ICP-OES (Modified SMEWW 3120B and SMEWW 2340B) Aluminum Barium Boron Cadmium Calcium Chromium Copper Hardness (as CaCO ₃) Iron Magnesium Manganese Potassium
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Sodium
Sulfate
Uranium
Zinc

(Nitrate + Nitrite, Chloride and Alkalinity - Water/Wastewater)

LSAL406 Determination of Nitrate + Nitrite, Chloride, and Alkalinity in Drinking and Environmental Water by Flow Injection Analysis.
Nitrate + Nitrite-N
Chloride
Alkalinity

(pH - Water/Wastewater)

LSAL402 pH of Water by pH Meter (Modified SMEWW 4500-H+B)
pH

Water (Microbiology)

(Coliforms - Water PA and MPN)

LSDL681 Coliform and *E. coli* Determination in Water Using Colilert and Colisure (Modified SMEWW 9223)

Notes:

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

DOCUMENT / ACRONYM (referred above): Definition.

* These test methods can be performed on-site as per RG-On-Site-Testing.

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



Elias Rafoul, Vice President
Accreditation Services

Date: 2019-10-11

Number of Scope Listings: 20
SCC 1003-15/155
Partner File #0
Partner: SCC

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.