



SCOPE OF ACCREDITATION

**Nova Scotia Department of Agriculture
LABORATORY SERVICES
176 College Road, Harlow Institute Harlow Bldg., 65 River Rd, Hancock Veterinary
Bldg., PO Box 890
Truro, NS
B2N 5G6**

Accredited Laboratory No. 129
(Conforms with requirements of ISO/IEC 17025:2017)

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Biological, Chemical/Physical

PROGRAM SPECIALTY AREA: Agriculture Inputs, Food, Animal Health and Plant Protection (PSA-AFAP), Environment

INITIAL ACCREDITATION DATE: 1993-12-07

SCOPE ISSUED ON: 2019-07-10

ACCREDITATION VALID TO: 2021-12-07

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)
SMEDP 14.050	Fluorophos Fluorometric ALP Method (Alkaline Phosphatase Methods) (LSDL610)

(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
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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)

(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 CaCO₃)
Iron

Magnesium
Manganese
Potassium
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: 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

Elias Rafoul, Vice President
Accreditation Services

Date: 2019-07-10

Number of Scope Listings: 21



Standards Council of Canada
Conseil canadien des normes

SCC 1003-15/155

Partner File #0

Partner: SCC