TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	**Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec**
Location Name or Operating as (if applicable):	Laboratoire d'expertises et d'analyses alimentaires (LEAA)
Contact Name:	Angela Dakiw Piaceski
Address:	2700, rue Einstein Local C.2. 105, Québec (Québec) G1P 3W8
Telephone:	418 266-4440 poste 2519
Fax:	418-266-4438
Website:	www.mapaq.gouv.qc.ca
Email:	angela.dakiw-piaceski@mapaq.gouv.qc.ca

The Standards Council of Canada (SCC) has translated proprietary content from French to English when the English version was not available (to ensure compliance with the Official Languages Act (OLA)). If there are discrepancies between the English and French versions, the French version of the document prevails.

SCC File Number:	15181
Provider:	BNQ-EL
Provider File Number:	33683-1
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)
Initial Accreditation:	1993-12-07
Most Recent Accreditation:	2023-12-09
Accreditation Valid to:	2029-12-07

Canada

SCC Group Accreditation:
This laboratory is a part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview.

- Laboratoire de santé animale (LSA-QC), 2650, rue Einstein, Québec (QC) G1P 4S8,
- Laboratoire de santé animale (LSA-SHY), 3220, rue Sicotte, Saint-Hyacinthe (QC) J2S 2M2,

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)

Flexible scope

Chemistry

Method Code	Targeted substances	Matrix	Analytical principle	Sample preparation technique
LEAA-M-IND-021	Polycyclic Aromatic Hydrocarbons (PAHs)	**Food**	**GC-MS/MS**	**QuEChERS-type extraction, GPC purification, silica and alumina columns.**
	Polybromodiphenyl Ethers (PBDEs)			
	Organochlorine Pesticides (OCPs)			
	Polychlorinated Biphenyls (PCBs) and Planar PCBs (PCBPs)			
	Polychlorinated Dibenzo-p-dioxins (PCDDs) and Polychlorinated Dibenzo-furans (PCDFs)			
LEAA-M-MED-ATQ29	Drug Substances: Aminoglycosides, Tetracyclines, and Tulathromycin	**Meat**	LC-MS/MS	Extraction with trichloroacetic acid solution
LEAA-M-MED-MUQ30	Drug Substances	**Meat**	LC-MS/MS	Extraction with acetonitrile/methanol solution
	Pesticides	**Honey**	LC-MS/MS	Liquid-liquid extraction with 5%

LEAA-M-ORG-001	Drug Substances Mycotoxins			acetonitrile/methanol solution.
LEAA-M-ORG-024	Drug Substances	**Milk**	LC-MS/MS	Part 1: Extraction with trichloroacetic acid solution Part 2: Extraction with acetonitrile/methanol solution
LEAA-M-ORG-GLY	Glyphosate and Related Pesticides	**Food**	LC-MS/MS	Non-QuEChERS extraction (Quick Polar Pesticides method (QuPPe))
LEAA-M-ORG-QUAT	Quaternary Amines	**Food**	LC-MS/MS	Non-QuEChERS extraction (Quick Polar Pesticides method (QuPPe))
LEAA-M-PES-PRE	Pesticides	**Food**	LC-MS/MS	QuEChERS-type extraction and purification

Fixed scope

Chemistry

U. S. EPA Method 7473	Mercury in Solids and Solutions by Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry

Microbiology

ISO 16649-2 modified	Horizontal method for the enumeration of beta-glucuronidase-positive *Escherichia coli* — Part 2: Colony-count technique at 44 °C using 5-bromo-4-chloro-3-indolyl β-D-glucuronide
LEAA-M-MIC-002	Enumeration of Coagulase-Positive *Staphylococcus aureus* Using the TEMPO® (STA)
LEAA-M-MIC-003	Enumeration of β-GLUCURONIDASE Positive *Escherichia coli* Using the TEMPO® (EC)
LEAA-M-MIC-005	Enumeration of Total Aerobic Mesophilic Bacteria Using the TEMPO® (AC)

LEAA-M-MIC-006	Isolation of Shiga Toxin-Producing *E. coli* (STEC)
LEAA-M-MIC-061	Isolation of *Campylobacter spp.* in foods
LEAA-M-MIC-064	Automated Detection of Thermotolerant *Campylobacter* (*C. coli, C. jejuni, C.lari*) Using the Omega Kit
LEAA-M-MIC-126	Isolation and Enumeration of Total Coliforms and *E. coli* in Drinking Water with Compass cc Media: Membrane Filtration Method
LEAA-M-MIC-178	Automated Detection of *Listeria monocytogenes* Using the Omega Kit
LEAA-M-MIC-215	Detection of Shiga Toxin-Producing *E. coli* (STEC)
LEAA-M-MIC-217	Automated Detection of *Salmonella spp.* Using the Omega Kit
MA. 700 - BHA35 1.0	Detection and Enumeration of Aerobic and Facultative Anaerobic Heterotrophic Bacteria: Pour Plate Method
MA. 700 - Ent 1.0	Detection and Enumeration of Enterococci: Membrane Filtration Method
MA. 700 – PSE 1.0	Detection and Enumeration of *Pseudomonas aeruginosa*: Membrane Filtration Method
MFHPB-07	Isolation of *Listeria monocytogenes* and other *Listeria spp.* from Foods and Environmental Samples using Palcam Broth
MFHPB-18 modified	Determination of the Aerobic Colony Counts in Foods
MFHPB-20	Isolation and Identification of *Salmonella* from Food and Environmental Surface Samples
MFHPB-21 modified	Enumeration of *Staphylococcus* aureus in Foods
MFHPB-30	Isolation of *Listeria monocytogenes* and other *Listeria spp.* from foods and environmental samples
MFLP-42 modified	Isolation and Enumeration of the *Bacillus cereus* Group in Foods
MFLP-74 modified	Enumeration of *Listeria monocytogenes* in foods
MFLP-100	Detection of Salmonella spp. in Foods Using the 3M™ Molecular Detection System Test Kit Version 2

Physico-chemistry

LEAA-M-BIO-PH	Determination of the pH of Foods and Water
LEAA-M-BIO-AW	Measuring Water Activity Using the Novasina System

Number of Scope Listings: 33

Notes

The lists of matrices and substances targeted by the flexible scope accredited methods are available upon request.

##-M-###-XXX: Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec, Laboratoire d'expertises et d'analyses alimentaires internal methods.
ISO: International Organization for Standardization
MFHPB: Health Protection Branch Methods for the Microbiological Analysis of Foods, Health Canada
MFLP: Laboratory Procedures for the Microbiological Analysis of Foods, Health Canada
US EPA: US Environmental Protection Agency

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
Publication on: 2023-12-20