

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: **EUROFINS ESSAIS ENVIRONNEMENTAUX CANADA INC.**

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SCC File Number:	15436
Provider:	BNQ-EL
Provider File Number:	30376-1
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:	2002-03-12
Most Recent Accreditation:	2023-10-20
Accreditation Valid to:	2026-03-12

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:

- EUROFINS ESSAIS ENVIRONNEMENTAUX CANADA INC. (Sherbrooke), 3705, boulevard Industriel, Sherbrooke, QC J1L 1X8
- EUROFINS ESSAIS ENVIRONNEMENTAUX CANADA INC. (Québec), 4495, boul. Wilfrid Hamel, bureau 150, QC G1P 2J7

Remarque : La présente portée d'accréditation existe également en français. La version française est publiée séparément.

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)

(Diverse Foods - Chemistry Testing)

ILCA-040	Digestion of metals (Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sn, Sr, Ti, Tl, U, V, Zn) by microwave in food, natural health products and cosmetics
ILCA-064	Analysis of ractopamine by LC-MS/MS in meat and viscera of pork, beef and poultry and in feed
ILCA-071	Analysis of mycotoxins (AFB1, AFB2, AFG1, AFG2, OA, STE, MPA, T-2, ZEN, DON, HT-2, 3-AcDON, 15-AcDON) by LC-MS/MS in flours, silages, nuts, cocoa, coffee, tea, dried fruits, spices, maple syrup, Gluten Feed
ILCE-069	Metals (Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sn, Sr, Ti, Tl, U, V, Zn) by mass spectrometry in argon plasma (ICP-MS) in food, natural health products and cosmetics Sample preparation by microwave digestion according to ILCA-040

Feeds

(Crude Fibre)

ILCAG-008	Determination of Crude Fiber by ANKOM extraction in Feeds
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(Crude Protein/Total Nitrogen)

ILCAG-010	Total Nitrogen Determination with LECO FP-528 (by combustion) in Feeds
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(Fat)

ILCAG-004	Determination of Extracted Fat with ANKOM XT-15 in Feeds
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(Minerals)

ILCAG-011	Digestion, Extraction and Solubilization of Minerals (Ca, Cu, Fe, Mg, Mn, P, K, Na, Zn) in Feeds
ILCAG-012	ICP Determination of Minerals (Ca, Cu, Fe, Mg, Mn, P, K, Na, Zn) in Feeds

(Moisture)

ILCAG-016	Dry Matter Determination by calcination, in the muffle furnace, in Feeds
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(Toxins)

ILCAG-001	Mycotoxins (deoxynivalenol and zearalenone) Determination by HPLC in Feeds
ILCAG-023	Vomitoxin (deoxynivalenol) Determination by ELISA in Feeds

Veterinary

ILCA-076 Analysis of Phenylbutazone and oxyphenbutazone in equine plasma by LC-MS/MS

CHEMICALS AND CHEMICAL PRODUCTS

Chemicals for Agricultural Industry

Fertilizers

(Available Phosphorus and Soluble Potassium)

ILCAG-011 Digestion, Extraction and Solubilization of Minerals (P₂O₅ and K₂O) in Mineral Fertilizers

ILCAG-012 ICP Determination of Minerals (P₂O₅ and K₂O) in Mineral Fertilizers

(Nitrogen)

ILCAG-010 Total Nitrogen Determination with LECO FP-528 (by combustion) in Mineral Fertilizers

(Diverse Foods - Microbiological Testing)

AOAC Official Method 2002.11 Detection and Quantification of Yeasts and Molds in Foods (SimPlate by BioControl)

AOAC Official Method 2014.05 Enumeration of Yeast and Mold in Food

AOAC Official Method 2015.13 Enumeration of Aerobic Bacteria in Food

ILMA-067 BAX® System Real-Time PCR Assays STEC Suite for detecting pathogenic Shiga toxin-producing *E. coli* (STEC) and serogroups (*E. coli* O26, O45, O103, O111, O121, and O145) in ground beef, beef trimmings and vegetables (Method Without Confirmation)

MFHPB-10 Isolation of *Escherichia coli* O157:H7/NM from foods and environmental surface samples

MFHPB-18 Determination of the Aerobic Colony Count in Foods

MFHPB-19 Enumeration of Coliforms, Faecal Coliforms and of *E. coli* in Foods Using the MPN Method

MFHPB-20 Isolation and Identification of *Salmonella* from Food and Environmental Samples

MFHPB-21 Enumeration of *Staphylococcus aureus* in Foods

MFHPB-22 Enumeration of Yeasts and Molds in Foods

MFHPB-23 Enumeration of *Clostridium perfringens* in Foods

MFHPB-24 Detection of *Salmonella spp.* in Foods by the VIDAS SLMtm Method

MFHPB-29	Detection of <i>Listeria spp.</i> in Foods and Environmental Samples by the <i>Vidas Listeria™</i> Method
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> and Other <i>Listeria spp.</i> from Foods and Environmental Samples
MFHPB-34	Enumeration of <i>Escherichia coli</i> and Coliforms in Food Products and Food Ingredients Using 3M Petrifilm™ <i>E. coli</i> Count Plates
MFHPB-35	Enumeration of Coliforms in Food Products and Food Ingredients Using 3M™ Petrifilm™ Coliform Count Plates
MFLP-09	Enumeration of <i>Enterobacteriaceae</i> Species in Food and Environmental Samples Using 3M™ Petrifilm™ Enterobacteriaceae Count Plates
MFLP-21	Enumeration of <i>Staphylococcus aureus</i> in Foods and Environmental Samples Using 3M™ Petrifilm™ Staph Express Count (STX) Plates
MFLP-28	The Qualicon Bax® System Method for the Detection of <i>Listeria monocytogenes</i> in a Variety of Food
MFLP-29	Detection of Salmonella in Foods and Environmental Surface Samples Using the BAX® System Salmonella Assay
MFLP-30	Detection of <i>Escherichia coli</i> O157:H7 in Select Foods using the BAX® System <i>E. coli</i> O157:H7 MP
MFLP-42	Isolation and Enumeration of the <i>Bacillus cereus</i> Group in Foods
MFLP-43	Determination of Enterobacteriaceae
MFLP-44	Determination of Aerobic and Anaerobic Sporeformers
MFLP-49	Detection of <i>Salmonella spp.</i> in food products and environmental surfaces by the VIDAS® UP <i>Salmonella</i> (SPT) method
MFLP-54	Detection of <i>Listeria monocytogenes</i> from selected foods using iQ-Check™ <i>Listeria monocytogenes</i> Real-Time PCR Test Kit
MFLP-65	Detection of Staphylococcal Enterotoxins in Food Products Using the VIDAS® Staph Enterotoxin II (SET2), an ELFA (Enzyme Linked Fluorescent Assay) Technique
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Food
MFLP-76	Detection of <i>Escherichia coli</i> O157:H7 in Raw Meat Trim and Raw Ground Meat Using the BAX® System Real-Time <i>E. coli</i> O157:H7 Assay
MFLP-77	Detection of <i>Listeria monocytogenes</i> and Other <i>Listeria spp.</i> in Food Products and Environmental Samples by the VIDAS® <i>Listeria</i> species Xpress (LSX) Method
MFLP-98	Detection of <i>E. coli</i> O157:H7 in Food Products by the VIDAS® UP <i>E. coli</i> O157 (including H7) Method
MFLP-100	Detection of <i>Salmonella spp.</i> In Foods Using the 3M™ Molecular Detection System Test Kit Version 2
MFLP-101	Detection of <i>Listeria spp.</i> in Environmental Surface Samples Using the 3M™ Molecular Detection System Test Kit Version 2
MFLP-111	Detection of <i>Listeria monocytogenes</i> in Foods Using the 3M™ Molecular Detection System Test Kit Version 2
MLG 4 (USDA, FSIS)	Isolation and Identification of <i>Salmonella</i> from Meat, Poultry, Pasteurized Egg, and Siluriformes (Fish) Products and Carcass and Environmental Sponges
MLG 41 (USDA, FSIS)	Isolation and Identification of <i>Campylobacter jejuni/coli/lari</i> from Poultry Rinse, Sponge and Raw Product Samples

CONSTRUCTION

(Others: Products and materials in contact with drinking water)

BNQ 3660-950/2014-02-20 M1 (2020-01-28)	Safety of products and materials in contact with drinking water
NF EN 1420-1 1999	Determination of odour and flavor assessment of water in piping systems Except for article 11
NF EN 1622 2006	Determination of the threshold odour number (TON) and threshold flavour number (TFN) Except for articles 10.2.1 and 10.3.2

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

ILCE-069	Metals (Al, Sb, Ag, As, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Sn, Fe, Mg, Mn, Hg, Mo, Ni, P total, Pb, K, Se, Na, Ti, U, V and Zn) by argon plasma mass spectrometry (ICP-MS), sample preparation according to ILCE-085 (Liquid and solid samples - Inductively Coupled Plasma Mass Spectrometry)
PC-EN-CHI-PON003	Ammonia nitrogen by colorimetry (NH ₃) (Liquid and solid samples - Spectrophotometer)
PC-EN-CHI-PON004	Carbon in water (Total organic carbon) (Liquid samples - <u>Total Organic Carbon Analyzer</u>)
PC-EN-CHI-PON008	Kjeldahl nitrogen by colorimetry (Liquid and solid samples - Spectrophotometer)

Number of Scope Listings: 59

Notes

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

MFHPB: Microbiology Food Testing Method, Food Directorate, Health Products and Food Branch, Health Canada

MFLP: Microbiology Laboratory Procedure, Food Directorate, Health Products and Food Branch, Health Canada

MLG: Microbiology Laboratory Guidebook (USDA-FSIS)

ILCA: Internal method (laboratory instructions for food chemistry)

ILCE: Internal method (laboratory instructions for environment chemistry)

ILMA: Internal method (laboratory instructions for food microbiology)

ILCAG: Internal method (Feed Chemistry Laboratory)

AOAC: Association of Analytical Communities



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
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