

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: | 2024-06-10 |
| 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)

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| 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)

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

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

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

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| 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)

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

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

Veterinary

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| ILCA-076 | Analysis of Phenylbutazone and oxyphenbutazone in equine plasma by LC-MS/MS |
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CHEMICALS AND CHEMICAL PRODUCTS

Chemicals for Agricultural Industry

Fertilizers

(Available Phosphorus and Soluble Potassium)

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| ILCAG-011 | Digestion, Extraction and Solubilization of Minerals (P ₂ O ₅ and K ₂ O) in Mineral Fertilizers |
| ILCAG-012 | ICP Determination of Minerals (P ₂ O ₅ and K ₂ O) in Mineral Fertilizers |

(Nitrogen)

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| ILCAG-010 | Total Nitrogen Determination with LECO FP-528 (by combustion) in Mineral Fertilizers |
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(Diverse Foods - Microbiological Testing)

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| 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 <i>E. coli</i> (STEC) and serogroups (<i>E. coli</i> O26, O45, O103, O111, O121, and O145) in ground beef, beef trimmings and vegetables (Method Without Confirmation) |
| ILMA-094 | <i>Enterobacteriaceae</i> - Enumeration in all food matrices, animal feed and environmental surfaces using Neogen® Petrifilm® EB plates |
| MFHPB-10 | Isolation of <i>Escherichia coli</i> 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 <i>E. coli</i> in Foods Using the MPN Method |
| MFHPB-20 | Isolation and Identification of <i>Salmonella</i> from Food and Environmental Samples |
| MFHPB-21 | Enumeration of <i>Staphylococcus aureus</i> in Foods |
| MFHPB-22 | Enumeration of Yeasts and Molds in Foods |
| MFHPB-23 | Enumeration of <i>Clostridium perfringens</i> in Foods |
| MFHPB-24 | Detection of <i>Salmonella</i> spp. in Foods by the VIDAS SLMtm Method |
| MFHPB-29 | Detection of <i>Listeria</i> spp. in Foods and Environmental Samples by the Vidas <i>Listeria</i> ™ Method |
| MFHPB-30 | Isolation of <i>Listeria monocytogenes</i> and Other <i>Listeria</i> spp. 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 |

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| 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 E. coli 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 E. coli 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)

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| 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 |

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| 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 |
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ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

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| 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: 60

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.

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Publication on: 2024-06-11