TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

La présente portée d'accréditation existe également en français et est publiée séparément.

Legal Name of Accredited Laboratory:	**QUEST RESEARCH AND ANALYTICS INC.**
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SCC File Number:	15932
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) Environmental Testing (ET) Laboratory Accreditation for Analyses of Foods (LAAF)
Initial Accreditation:	2012-12-13
Most Recent Accreditation:	2024-09-09
Accreditation Valid to:	2028-12-13

Canada

ANIMAL AND PLANTS (AGRICULTURE)

Agricultural products (except food and chemicals):

Cannabis
Cannabis and Cannabis Products

SOP CLW 008	Determination of Cannabidiol and THC by HPLC (In-House)

Foods and Edible Products (Human and Animal Consumption):

Animal or Vegetable Fats and Oils and Their Cleavage Products; prepared edible fats; animal or vegetable waxes
Beverages, Spirits and Vinegar
Cannabis and Cannabis Products
Cereals and Products of the Milling Industry
Coffee, Tea, Mate, and Spices
Dairy Products
Edible Fruits and Nuts
Edible Vegetables and Certain Roots and Tubers
Eggs and Fish
Feeds
Meat and Edible Meat Offal
Nutrition Labelling
Preparation of Vegetables, Fruits, Nuts and Parts of Plants
Preparation of Cereals, Flour, Starch; Pastry Cook's Products
Sugars and Sugar Confectionery

Microbiological Tests

MFHPB-10	Isolation of *Escherichia coli* O157:H7/NM from foods and environmental surface samples (SOP LW 028)
MFHPB-18	Determination of the Aerobic Colony Count in Foods (SOP LW 007)
MFHPB-19	Enumeration of Coliforms, Faecal Coliforms and of *E. coli* in Foods Using the MPN Method (SOP LW 008)
MFHPB-20	Isolation and Identification of *Salmonella* from Food and Environmental Surface Samples (SOP LW 009)
MFHPB-21	Enumeration of *Staphylococcus aureus* in Foods (SOP LW 010)
MFHPB-22	Enumeration of Yeasts and Moulds in Foods (SOP LW 011)
MFHPB-30	Isolation of *Listeria monocytogenes* and other *Listeria* spp. from foods and environmental samples (SOP LW 013)

MFHPB-34	Enumeration of *Escherichia coli* and coliforms in food products and food ingredients Using 3M Petrifilm™ *E. coli* count plates (SOP LW 014)
MFLP-07	The detection of *Listeria monocytogenes* in foods and environmental surfaces using the Assurance GDS™ *Listeria monocytogenes* Tq Genetic Detection System (SOP LW 042)
MFLP-08	The detection of *Listeria* species in foods and environmental surfaces using the Assurance GDS® *Listeria* spp. Tq Genetic Detection System (SOP LW 043)
MFLP-09	Enumeration of *Enterobacteriaceae* Species in Food and Environmental Samples Using 3M™ Petrifilm™ *Enterobacteriaceae* Count Plates (SOP LW 015)
MFLP-15	Detection of *Listeria* Species from Environmental Surfaces Using the BAX® System Genus *Listeria* Assay (SOP LW 016)
MFLP-16	Detection of *Escherichia coli* O157:H7 in foods - Assurance GDS® for *E. coli* O157:H7 Tq Gene Detection System (SOP LW 044)
MFLP-28	Detection of *Listeria monocytogenes* in a Variety of Foods and Environmental Surfaces Using the BAX® System *L. monocytogenes* Assay (SOP LW 018)
MFLP-29	Detection of *Salmonella* in Foods and Environmental Surface Samples Using the BAX® System *Salmonella* Assay (SOP LW 019)
MFLP-30	Detection of *Escherichia coli* O157:H7 in Select Foods Using the BAX® System PCR Assay for *E. coli* O157:H7 MP (SOP LW 020)
MFLP-36	Detection of *Salmonella* in Foods and Environmental Surface Samples -Assurance GDS® for *Salmonella* Tq Genetic Detection System (SOP LW 045)
MFLP-38	Detection of *Salmonella* spp. In Foods and Environmental Surfaces Using IQ-check *Salmonella* II PCR Test Kit (SOP LW 035)
MFLP-39	Detection of *Listeria* spp. from Environmental Surfaces and Heat Processed Ready to Eat Meat and Poultry Using IQ-Check™ *Listeria* spp. Real-Time PCR Detection Kit (SOP LW 036)
MFLP-42	Isolation and Enumeration of *Bacillus cereus* group in foods (SOP LW 022)
MFLP-43	Determination of Enterobacteriaceae (SOP LW 033)
MFLP-54	Detection of *Listeria monocytogenes* from selected foods using iQ-Check *Listeria monocytogenes* PCR Detection Kit (SOP LW 038)
MFLP-75	Procedure for the Isolation of *Salmonella* species by the Modified Semi-Solid Rappaport Vassiliadis (MSRV) method (SOP LW 026)

MFLP-76	Detection of *Escherichia coli* O157:H7 in Raw Meat Trim and Raw Ground Meat Using the BAX® System Real-Time *E. coli* O157:H7 Assay (SOP LW 027)
MFLP-100	Detection of *Salmonella* spp. in Foods Using the 3M™ Molecular Detection System Test Kit Version 2 (SOP LW 058)
MFLP-101	Detection of *Listeria* spp. in Environmental Surface Samples Using the 3M™ Molecular Detection System Test Kit Version 2 (SOP LW 059)
MFLP-111	Detection of *Listeria monocytogenes* in Foods Using the 3M™ Molecular Detection System Test Kit Version 2 (SOP LW 060)
MFLP-116	Detection of *Escherichia coli* O157 (including H7) in Select Foods Using the Neogen® Molecular Detection System Test Kit Version 2
USP 61	Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests (SOP LW 046)
USP 62	Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms (SOP LW 047)
USP 2021	Microbial Enumeration Tests – Nutritional and Dietary Supplements (SOP LW 056)
USP 2022	Microbiological Procedures for Absence of Specified Microorganisms – Nutritional and Dietary Supplements (SOP LW 057)
SOP LW 048	Test for the real-time PCR detection of *Campylobacter jejuni*, *Campylobacter coli* and *Campylobacter lari* in food and environmental samples (iQ-Check Campylobacter method)
SOP LW 062	Detection of Shing-like toxin (Verotoxin) forming strains (STEC) from *Escherichia coli* (EHEC) by the immunochromatographic rapid test Kit

Chemical and Biochemical Tests

SOP CLW 001	Determination of Moisture in Food and Ingredients by Oven Drying Method (Modified AOAC 925.10, 930.04, 930.15, 931.04, 950.46)
SOP CLW 002	Determination of Fat content in Food and Ingredients by Solvent Extraction (Modified AOAC 945.16, 954.02, 960.39, USDA CLG-FAT)
SOP CLW 003	Determination of Nitrogen/Protein in Food and Ingredients by Automatic Kjeldhal Analyzer (Modified AOAC 928.08, ISO 937:1978 R2018)
SOP CLW 004	Determination of Vitamin C in Food and Natural Health Products by HPLC (Modified AOAC SMPR 2012)
SOP CLW 005	Determination of Nitrate and Nitrite in Food and Water by HPLC (In-House)
SOP CLW 007	Determination of Beta-agonist Residue in Liver by HPLC (Modified USDA CLG-RAC 1)

SOP CLW 010	Determination of Carbohydrate in Food and Ingredients (Health Canada Method LCAQ-040)
SOP CLW 012	Determination of Ash Content in Food and Ingredients by Gravimetric Method (Modified AOAC 900.02, 920.153, 930.22, 942.05, 945.38; USP <281>)
SOP CLW 024	Determination and Quantification of Mycotoxin in Food by ELISA Method
SOP LW 034	Testing of Allergens in Food and Environmental Samples by ELISA Method
SOP LW 040	Species identification and animal authentication in food products by PCR Methods

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental:

Water (Microbiology)

APHA 9221 B, E & F	Enumeration of Total Coliforms, Fecal Coliforms and *E. coli* in Water by MPN (LW 050)
APHA 9222 B, D & G	Enumeration of Total Coliforms, Fecal Coliforms and *E. coli* in Water by MF (LW 051)

Number of Scope Listings: 48

Notes:

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

AOAC: Association of Official Agricultural Chemists

APHA: American Public Health association

MFHPB: Analytical Methods, Health Products and Food Branch, Health Canada. Analytical methods for the microbiological safety of foods.

MFLP: Compendium of Analytical Methods, Health Products and Food Branch, Health Canada. Analytical methods for the microbiological safety of foods.

USDA: *United States Department of Agriculture*

USP: United Sates Pharmacopeia

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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