

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

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)
Initial Accreditation:	2012-12-13
Most Recent Accreditation:	2022-04-29
Accreditation Valid to:	2024-12-13

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products (Human and Animal Consumption):

Cereals and Products of the Milling Industry

Coffee, Tea, Maté, and Spices

Eggs and Fish

Feeds

Meat and Edible Meat Offal

Nutrition Labelling

Seeds

(Natural Health Products)

(Honey)

(Milk)

(Microbiological Tests)

MFHPB-10	Isolation of <i>Escherichia coli</i> 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 <i>E. coli</i> in Foods Using the MPN Method (SOP LW 008)
MFHPB-20	Isolation and Identification of <i>Salmonella</i> from Food and Environmental Samples (SOP LW 009)
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods (SOP LW 010)
MFHPB-22	Enumeration of Yeasts and Moulds in Foods (SOP LW 011)
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> and Other <i>Listeria</i> spp. from foods and environmental samples (SOP LW 013)
MFHPB-34	Enumeration of <i>E. coli</i> and Coliforms in Food Products and Food Ingredients Using 3M™Petrifilm™ <i>E. coli</i> Count Plates (SOP LW 014)
MFLP-07	The detection of <i>Listeria monocytogenes</i> in foods and environmental surfaces using the Assurance GDSTM <i>Listeria monocytogenes</i> Tq Genetic Detection System (SOP LW 042)
MFLP-08	The detection of <i>Listeria</i> species in foods and environmental surfaces using the Assurance GDS® <i>Listeria</i> spp. Tq Genetic Detection System (SOP LW 043)
MFLP-09	Enumeration of <i>Enterobacteriaceae</i> Species in Food and Environmental Samples Using 3M™Petrifilm™ <i>Enterobacteriaceae</i> Count Plates (SOP LW 015)

MFLP-15	The detection of <i>Listeria</i> Species from environmental surfaces using the Dupont Qualicon BAX® System method and direct plating (SOP LW 016)
MFLP-16	Detection of <i>Escherichia coli</i> O157:H7 in foods - Assurance GDS® for <i>E. coli</i> O157:H7 Tq Gene Detection System (SOP LW 044)
MFLP-28	The Qualicon Bax® System method for the detection of <i>Listeria monocytogenes</i> in a variety of food (SOP LW 018)
MFLP-29	The Qualicon Bax® System Method for the detection of <i>Salmonella</i> in a variety of food and environmental samples (SOP LW 019)
MFLP-30	The Dupont Qualicon Bax® System Method for the Detection of <i>E.coli</i> O157:H7 in Raw Beef and Fruit Juice (SOP LW 020)
MFLP-36	Detection of <i>Salmonella</i> in Foods and Environmental Surface Samples - Assurance GDS® for <i>Salmonella</i> Tq Genetic Detection System (SOP LW 045)
MFLP-38	Detection of <i>Salmonella</i> spp. from all foods and selected environmental surfaces using IQ-Check™ <i>Salmonella</i> Real-Time PCR Test Kit (SOP LW 035)
MFLP-39	Detection of <i>Listeria</i> spp. from Environmental Surfaces and Heat Processed Ready to Eat Meat and Poultry IQ-Check™ <i>Listeria</i> spp. Real-Time PCR Test Kit (SOP LW 036)
MFLP-42	Isolation and Enumeration of <i>Bacillus cereus</i> group in foods (SOP LW 022)
MFLP-43	Determination of Enterobacteriaceae (SOP LW 033)
MFLP-54	Detection of <i>Listeria monocytogenes</i> from selected foods using iQ-Check <i>Listeria monocytogenes</i> Real-Time PCR Test Kit (SOP LW 038)
MFLP-75	Procedure for the isolation of <i>Salmonella</i> species by the modified Semi-solid Rappaport Vassiliadis (MSRV) method (SOP LW 026)
MFLP-76	The DuPont Qualicon BAX® System real-time method for the detection of <i>E. coli</i> O157:H7 in raw beef trim and raw ground beef (SOP LW 027)
MFLP-104	RapidChek <i>Listeria</i> Next day system for the detection of <i>Listeria</i> species in a variety of environmental surface samples (SOP LW 041)
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)

(Chemical and Biochemical Tests)

SOP CLW 001	Determination of Moisture by Oven Drying Method (Modified AOAC 925.10, 930.04, 930.15, 931.04, 950.46)
SOP CLW 002	Determination of Fat content by Solvent Extraction (Modified AOAC 945.16, 954.02, 960.39, USDA CLG-FAT)
SOP CLW 003	Determination of Nitrogen/Protein by Kjeldhal Analyzer (Modified AOAC 928.08, ISO 937:1978 R2018)
SOP CLW 004	Determination of Vitamin C by HPLC (Modified AOAC SMPR 2012)
SOP CLW 005	Determination of Nitrate and Nitrite by HPLC (In-House)
SOP CLW 006	Determination of Chloramphenicol residue by HPLC (USP 29)

SOP CLW 007	Determination of Beta-agonist Residue by HPLC (USDA CLG-RAC 1)
SOP LW 034	Testing of Allergens in Food and Environmental Samples (Kit Method)
SOP LW 040	Species identification and animal authentication in food products (In-House)

Agricultural Products

(Cannabis)

SOP CLW 008	Determination of Cannabidiol and Carboxyl-THC by HPLC (In-House)
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ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental:

Water (Microbiology)

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

Number of Scope Listings: 39

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 States 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
Vice-President, Accreditation Services
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