



SCOPE OF ACCREDITATION

**IEH Services Canada Inc.
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Accredited Laboratory No. 433
(Conforms with requirements of ISO/IEC 17025:2005, RG-LAB)

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CLIENTS SERVED:	All interested parties
FIELDS OF TESTING:	Biological, Chemical/Physical
PROGRAM SPECIALTY AREA:	Agriculture Inputs, Food, Animal Health and Plant Protection (PSA-AFAP), Environmental
INITIAL ACCREDITATION DATE:	2002-02-18
MOST RECENT ACCREDITATION:	2018-08-07
ACCREDITATION VALID TO:	2022-02-18

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products: (Human and Animal Consumption)

(Meat, Fruits and Vegetables, Processed Foods, Nuts and Nut Products, Animal Tissue, Meat, Eggs and Egg Products)



AOAC-RI PTM 021201	IEH <i>Listeria</i> spp. and <i>L. monocytogenes</i> Test System
AOAC-RI PTM 100701	IEH <i>E. coli</i> O157, Stx-producing <i>E. coli</i> (STEC) with Intimin and <i>Salmonella</i> Test System.
MB072.04	Coliform/ <i>E. coli</i> Count in Food and Environmental Samples (Microfilm™ TCEc) AOAC-RI PTM 057102
MB073.06	Aerobic Plate Count in Food and Environmental Samples (Microfilm™ APC) AOAC-RI PTM 057102
MB074.03	Yeast and Mold Count Samples (Microfilm™ YMC) AOAC-RI PTM 057102
MB491.01	Process Control Index (PCT) Testing
MFHPB-10	Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples
MFHPB-20	Methods for the Isolation and Identification of <i>Salmonella</i> from Foods and Environmental Samples
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> from All Foods and Environmental Samples
MFHPB-32	Enumeration of Yeast and Mold in Food Products and Food Ingredients Using 3M™ Petrifilm™ Yeast and Mold Plates
MFHPB-33	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients Using 3M™ Petrifilm™ Aerobic Count Plates
MFHPB-34	Enumeration of <i>E. coli</i> and Coliforms in Food Products and Food Ingredients Using 3M™ Petrifilm™ <i>E. coli</i> Plates
MFLP 09	Enumeration of Enterobacteriaceae 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
MLG 4C	FSIS Procedure for the Use of a Polymerase Chain Reaction (PCR) Assay for Screening <i>Salmonella</i> in raw meat, carcass sponge samples, whole bird rinses, ready-to-eat meat and poultry products and pasteurized egg products



ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Environmental

Soil

(Ammonium - Soil)

SOP 4311 AUTO COLOR (Modified CSSS 1993 4.2-4.3)
NH₄-N (with 2.0M KCL)

(Available Phosphorus - Soil)

SOP 4400 AUTO COLOR (Modified QIAN ET. AL. 1993)
Available Phosphorus (modified Kelowna)

(Conductivity - Soil)

SOP 4150 CONDUCTIVITY METER (Modified CSSS 1993 18.3.1)
Conductivity (fixed ratio extract)
Conductivity (saturated paste)

(Metals - Soil / AA)

SOP 4200 ATOMIC ABSORPTION (Modified CSSS 1993 18.3.2)
Calcium (saturated paste)
Magnesium (saturated paste)
Sodium (saturated paste)

(Nitrate - Soil)

SOP 4300 AUTO COLOR (Modified CSSS 1993 4.2-4.4)
NO₃-N extraction (with 0.01M CaCl₂)
NO₃-N extraction (with 2.0M KCl)

(Particle Size - Soil)

SOP 4000 HYDROMETER (Modified CSSS 1993 47.3)
Particle Size

(pH - Soil)



SOP 4160 pH METER (Modified CSSS 1993 16.2-16.3)
 pH (0:01M CaCl₂)
 pH (saturated paste) pH (1:2 H₂O)

Water (Inorganic)

(Alkalinity - Water)

SOP 3210 TITRIMETRIC (Modified APHA 2320)
 Alkalinity (pH 4.5)

(Ammonia - Water)

SOP 3550 COLORIMETRIC/SEGEMENTED FLOW ANALYSIS (Modified
 APHA 4500-NH₃-G)
 Ammonia

(Calcium - Water)

SOP 3400 ATOMIC ABSORPTION (Modified APHA 3111D)
 Dissolved Calcium

(Chloride - Water)

SOP 3700 COLORIMETRIC/SEGEMENTED FLOW ANALYSIS (Modified
 APHA 4500-CL E)
 Chloride

(Conductivity - Water)

SOP 3100 CONDUCTIVITY METER (Modified APHA 2510)
 Conductivity (25°C)

(Major Ions - Water)

NITRATE, NITRATE + COLORIMETRIC/SEGEMENTED FLOW ANALYSIS (Modified
NITRITE SOP 3500; APHA 4500-NO₃ F)
NITRITE SOP 3510 Nitrate
 Nitrate plus Nitrite
 Nitrite



(Metals - Water/AA)

SOP 3400 ATOMIC ABSORPTION (modified APHA 3111B)
Dissolved Magnesium
Dissolved Potassium
Dissolved Sodium

(pH - Water)

SOP 3200 pH-METER (Modified APHA 4500-H+ B)
pH

(Phosphorus - Water)

TP-SOP 3600; DRP-SOP COLORIMETRIC/SEGEMENTED FLOW ANALYSIS (Modified
3610 APHA 4500-P F)
Dissolved Reactive Phosphorus
Total Phosphorus

(Solids - Water)

TDS - SOP3020 GRAVIMETRIC (Modified APHA 2540C)
Total Dissolved Solids

(Sulfate - Water)

SOP 3800 COLORIMETRIC/SEGEMENTED FLOW ANALYSIS (Modified
APHA 4500 SO42 F)
Sulfate

(Total Kjeldahl Nitrogen (TKN) - Water)

SOP 3560 COLORIMETRIC/SEGEMENTED FLOW ANALYSIS (Modified
APHA 4500 N org D.)
Total Kjeldahl Nitrogen



Standards Council of Canada
Conseil canadien des normes

Notes:

ISO/IEC 17025:2005: General Requirements for the Competence of Testing and Calibration Laboratories

RG-LAB: SCC Requirements and Guidance for the Accreditation of Testing Laboratories

Elias Rafoul, Vice President
Accreditation Services

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Number of Scope Listings: 36

SCC 1003-15/532

Partner File #0

Partner: SCC