

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 280

Legal Name of Accredited Laboratory: **Canadian Food Inspection Agency
(Government of Canada)**

Location Name or Operating as (if applicable): Quebec Laboratories (CFIA/ACIA)
THE SAINT-HYACINTHE LABORATORY
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SCC File Number:	15354
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological
Program Specialty Areas:	Test Method Development and Non-Routine Testing Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP)
Initial Accreditation:	1999-01-20
Most Recent Accreditation:	2021-04-25
Accreditation Valid to:	2023-01-20

SCC Group Accreditation:

This laboratory is part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Series – Accreditation Program Overview.

- 15564 Canadian Food Inspection Agency (Government of Canada). Quebec Laboratories (CFIA/ACIA) – THE LONGUEUIL LABORATORY, 1001 St-Laurent Street West, Longueuil, QC J4K 1C7, Accredited Laboratory No. 465

TEST METHOD DEVELOPMENT AND EVALUATION AND NON-ROUTINE TESTING

Note: Accredited laboratories for this Program Specialty Area (PSA) have demonstrated that they meet the General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2017) as described in the Product Service Class – **ANIMALS AND PLANTS (AGRICULTURE)**

The PSA activities in support of the Saint-Hyacinthe Laboratory's routine tests are conducted in accordance with quality assurance principles that meet the standard (ISO/IEC 17025:2017). The specific activities are:

Food virology tests

1. Development and validation of new test methods for the detection of food viruses
2. Modification, adaptation, improvement and validation of existing test methods for the detection of food viruses

Microbiological tests

1. Development and validation of new test methods for detection, isolation, identification, enumeration and characterization of microorganisms in food
2. Modification, adaptation, improvement and validation of standardized, published or existing test methods for detection, isolation, identification, enumeration and characterization of microorganisms in food

Animal health tests

1. Development and validation of new test methods for the detection of antibodies to animal pathogens
2. Modification, adaptation, improvement and validation of existing test methods for the detection of antibodies to animal pathogens

Techniques for which laboratory is accredited:

Detection, isolation and/or enumeration of food microorganisms by conventional microbiology techniques; identification, characterization and/or quantification of food toxins and microorganisms by biochemical and/or immunological tests and/or protein profiling and/or genetic tests (PCR, real-time PCR, qPCR, qRT-PCR, molecular hybridization, VIDAS®, BAX®, cloning, sequencing).

Detection of antibodies to animal pathogens by serologic tests (ELISA, serum neutralization, agar gel immunodiffusion, immunofluorescence).

ANIMALS AND PLANTS (AGRICULTURE)

Foods and Edible Products (Human and Animal Consumption):

(Microbiology and Food Safety, MFS)

CFIAFMWG-001	Enumeration of <i>Escherichia coli</i> Using Compact Dry EC Plates
MFHPB-03	Determination of the pH of Foods including Foods in Hermetically Sealed Containers
MFHPB-10	Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples
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-30	Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. from foods and environmental samples
MFHPB-33	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients Using 3M™ Petrifilm™ Aerobic Count Plates
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
MFLP-22	Characterization of Verotoxigenic <i>Escherichia coli</i> O157:H7 Colonies by Polymerase Chain Reaction (PCR) and Cloth-Based Hybridization Array System (CHAS)
MFLP-28	Detection of <i>Listeria monocytogenes</i> in a Variety of Foods and Environmental Surfaces using the BAX® System <i>L. monocytogenes</i> Assay
MFLP-29	Detection of <i>Salmonella</i> in Foods and Environmental Surface Samples Using the Bax® System <i>Salmonella</i> 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-40	Detection of <i>Salmonella</i> in Food Products by the VIDAS® Easy Salmonella (SLM) Method

MFLP-52	Isolation and identification of priority verotoxigenic <i>Escherichia coli</i> (VTEC) in foods
MFLP-53	Identification of <i>Listeria monocytogenes</i> colonies in polymerase chain reaction (PCR) and cloth-based hybridization array system (CHAS)
MFLP-66	Determination of Water Activity Using the Aqualab Instrument
MFLP-70	Characterization of Verotoxigenic <i>Escherichia coli</i> (VTEC) Colonies by Polymerase Chain Reaction (PCR) and Cloth-Based Hybridization Array System (CHAS) for Virulence Markers and Seven O Serogroups
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in foods
MFLP-77	Detection of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. in Food Products and Environmental Samples by the VIDAS® <i>Listeria</i> species Xpress (LSX) Method

(Food Virology, FV)

CFIA-FVNRC-05	Detection of foodborne hepatitis A virus and norovirus using real-time PCR after RNA reverse transcription (RT-qPCR)
ISO15216-2	Microbiology of the food chain – Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR [Bivalve molluscan shellfish, soft fruit, leaf, stem and bulb vegetables, Extraction of virus and RNA only, excluding real-time RT-PCR]
CFIA-FVNRC-12	Food virus concentration and purification protocol (fresh or frozen cut fruit) (modified ISO15216-2)

MEDICAL

Veterinary:
(Animal Health Diagnostics, - AHD)

CFIA-AHD-01	Serum Neutralization (SN) Test for the Detection of Antibodies to Transmissible Gastroenteritis Coronavirus (TGEV) and Porcine Respiratory Coronavirus (PRCV) (TGE_PRC-SN)
CFIA-AHD-02	ELISA Test for the Detection and Discrimination of Antibodies to Transmissible Gastroenteritis Coronavirus (TGEV) and Porcine Respiratory Coronavirus (PRCV) - <i>Svanovir® TGE/PRCV-Ab</i> Kit from the Company Svanova (TGE-ELI)
CFIA-AHD-03	Indirect Immunofluorescence Assay for the Detection of Antibodies to Porcine Reproductive and Respiratory Syndrome Virus (PRRS) (Genotype 1 and 2 Strains) (PRRS-FA)
CFIA-AHD-04	ELISA Test for the Detection of Antibodies to Porcine Reproductive and Respiratory Syndrome Virus (PRRS) - <i>IDEXX PRRS X3</i> Kit from IDEXX Laboratories Inc (PRRS-ELI)
CFIA-AHD-05	ELISA Test for the Detection of Antibodies to Porcine <i>Actinobacillus Pleuropneumoniae</i> (APP) Serotype 1, 5 or 7 (ACT_P1-ELI, ACT_P5-ELI, ACT_P7-ELI)
CFIA-AHD-08	Agar Gel Immunodiffusion (AGID) Test for the Detection of Antibodies to Equine Infectious Anemia (EIA) Virus - <i>IDEXX AGID EIA</i> Kit from IDEXX Laboratories Inc. (EIA-AGID)
CFIA-AHD-11	ELISA Test for the Detection of Antibodies to Equine Infectious Anemia Virus (EIA) - <i>IDEXX cELISA EIA</i> Kit from IDEXX Laboratories Inc (EIA-ELISA)
CFIA-AHD-15	ELISA Test for the Detection of Antibodies to Bovine Leukosis Virus in Bovine Serum - <i>Bovichek® BLV</i> Kit from Biovet Inc. (BLV-I_ELI)
CFIA-AHD-19	ELISA Test for the Detection of Antibodies to Porcine <i>Actinobacillus Pleuropneumoniae</i> (APP) Serotype 12 - <i>Swinecheck® APP-12</i> Kit from the Company Biovet (ACT_P12ELI)
CFIA-AHD-21	ELISA Test for the Detection of Antibodies to Transmissible Gastroenteritis Virus (TGEV) in Porcine Serum - <i>Swinecheck®</i> Kit <i>TGEV Recombinant</i> from the company Biovet (TGE-ELI)
CFIA-AHD-22	ELISA Test for the Detection of Antibodies to Equine Infectious Anemia Virus (EIA) - SafePath Laboratories LLC <i>FP-ELISA II</i> Kit (EIA-ELISA)

(Transmissible spongiform encephalopathies, TSEs)

BSE-PS	Detection of Pathological Prion Protein in Bovine Spongiform Encephalopathy Using the Appliedbiosystems PrioSTRIP® BSE Kit (BSE-STR)
TS-PR026	Detection of Prion Protein Associated with BSE, Scrapie and CWD Using the Bio-Rad TeSeE™ SAP Assay (SCRAP-ELI)

(Trichinella, TRI)

CFAP-M-0013	The Double Separatory Funnel Digestion Procedure for the Detection of <i>Trichinella</i> Larvae in Pork
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Number of Scope Listings: 37

Notes

CFIA-AHD: Canadian Food Inspection Agency – Animal Health Diagnostics

CFIA-FVNRC: Canadian Food Inspection Agency – Food Virology National Reference Centre

ISO/IEC 17025-2017: General requirements for the competence of testing and calibration laboratories

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

RG-TMDNRT: SCC Requirements and Guidance for the Accreditation of Laboratories Engaged in Test Method Development and Non-Routine Testing

MFHPB: Method Food Health Protection Branch, Methods for the Microbiological Analysis of Foods, Compendium of Analytical Methods, Health Protection Branch, Health Canada

MFLP: Microbiology Food Laboratory Procedure, Laboratory Procedures for the Microbiological Analysis of Foods, Compendium of Analytical Methods, Health Protection Branch, Health Canada

CFIAFMWG: Method created by the Canadian Food Inspection Agency

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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