TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	**Canadian Food Inspection Agency**
Location Name or Operating as (if applicable):	CFIA - SIDNEY LABORATORY, CENTRE FOR PLANT HEALTH
Contact Name:	Michelle Cooper
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SCC File Number:	15454
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological
Program Specialty Area:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Test Method Development and Non-routine Testing (TMDNRT)
Initial Accreditation:	2001-01-22
Most Recent Accreditation:	2023-05-09
Accreditation Valid to:	2029-01-22

Canada

Program Speciality Area
Note: The laboratory accredited under this PSA have demonstrated that it meets ISO/IEC 17025 requirements for non-routine testing under the following product classification.

The Sidney Laboratory, Centre for Plant Health provides virus and virus-like disease pathogen testing of imported tree fruits, small fruits and grapevines and export certification testing for these crops and other crops of economic importance. Activities under this program specialty area are dedicated to:

1. The development, validation and application of methods for the detection, identification and characterization of plant pathogens.
2. The modification, improvement and validation of published or existing biological, serological and molecular methods for the detection and identification of plant pathogens.
3. Conducting non-routine testing to meet client demands.
4. Conducting research on behalf of the CFIA on plant diseases relevant to regulatory requirements.

Description of TMDNRT Techniques:

1. Nucleic acid extraction technologies
2. PCR based technologies
3. Serological technologies including Enzyme linked immunosorbent assay (ELISA)
4. Herbaceous and woody bioassays
5. Sequencing technologies

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products (Human and Animal Consumption):

Edible Fruits and Nuts
(Herbaceous Bioassays)

CPHGD0301	Herbaceous Bioassay for the Viruses in Fruit Trees, Grapevines and Other Crops

(- Molecular Assays)

CPHGD1301	Real-time PCR and RT-PCR for the Detection of Viruses and Other Plant Pathogens in Fruit Trees, Grapevines and Other Crops *Pathogens detected in tree fruit:* ▪ Hop stunt viroid ▪ Little cherry virus 1 ▪ Phytoplasma ▪ Plum bark necrosis stem pitting associated virus *Pathogens detected in grapevines:* ▪ Grapevine pinot gris virus Phytoplasma

CPHGD0401	PCR and RT-PCR for the Detection of Viruses and Other Plant Pathogens in Fruit Trees, Grapevines and Other Crops *Pathogens detected in tree fruit:* ▪ American plum line pattern virus ▪ Apple chlorotic leaf spot virus ▪ Apple dimple fruit viroid ▪ Apple fruit crinkle viroid ▪ Apple scar skin viroid ▪ Apple stem pitting virus ▪ Apple stem grooving virus ▪ Apricot latent virus ▪ Asian prunus virus ▪ Cherry green ring mottle virus ▪ Cherry leaf roll virus ▪ Cherry mottle leaf virus ▪ Cherry mottle leaf virus and Peach mosaic virus ▪ Cherry necrotic rusty mottle virus ▪ Cherry rasp leaf virus ▪ Cherry rusty mottle virus ▪ Cherry virus A ▪ Little cherry virus 2 ▪ Pear blister canker viroid ▪ Peach latent mosaic viroid ▪ Plum pox virus ▪ Betaflexiviridae viruses (known as Trifocap) *Pathogens detected in grapevines:* ▪ Grapevine fleck virus ▪ Grapevine leafroll-associated virus 1 ▪ Grapevine leafroll-associated virus 2 ▪ Grapevine leafroll-associated virus 3 ▪ Grapevine red blotch virus ▪ Grapevine rupestris stem pitting associated virus ▪ Grapevine virus A ▪ Grapevine virus B ▪ Grapevine virus D ▪ Tomato black ring virus

(Virus or virus-like diseases in grapevines, in tree fruits, in small fruits - Serological Assays)

CPHGD1701	ELISA Testing for the Detection of Viruses and Other Plant Pathogens in Fruit Trees, Grapevines and Other Crops *Pathogens detected in tree fruit:* ▪ Apple mosaic virus ▪ Cherry leafroll virus ▪ Prune dwarf virus ▪ Prunus necrotic ringspot virus ▪ Plum pox virus ▪ Tomato ringspot virus *Pathogens detected in grapevine:* ▪ Arabis mosaic virus and Grapevine fanleaf virus ▪ Grapevine leafroll-associated virus 1 and Grapevine leafroll-associated virus 3 ▪ Grapevine leafroll-associated virus generic 4 strains ▪ Raspberry ringspot Virus ▪ Strawberry latent ringspot virus Tomato ringspot virus
CPHTF0101	Triple Antibody Sandwich ELISA for Plum Pox Virus Surveys

(Woody Bioassays)

CPHGV9702	Detection of Diseases Infecting Grapevine (Vitis spp.) by Bioassay Indexing on Field Indicators
CPHTF9701	Virus Testing of Malus spp. by Woody Host Bioassay
CPHTF9702	Virus Testing of Prunus spp. by Woody Host Bioassay
CPHTF9703	Virus Testing of Pyrus/Cydonia spp. by Woody Host Bioassay

Other (specify):

Number of Scope Listings: 9

Number of Techniques Listings: 5

Notes:

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

ELISA: Enzyme-linked Immunosorbent Assay

CPHGD-, CPHTF-, CPHGV-, CPHTF-: In-house developed methods

This laboratory has a flexible scope which covers the same methods listed under fixed scope. No additional list for flexible scope is maintained.

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-ccn.ca.

Elias Rafoul
Vice-President, Accreditation Services
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