

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** Health Canada

Location Name or Operating as (if applicable): BC FOOD LABORATORY

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<b>SCC File Number:</b>	15880
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Chemical/Physical
<b>Program Specialty Area:</b>	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Test Method Development and Evaluation and Non-routine Testing (TMDNRT)
<b>Initial Accreditation:</b>	2011-11-29
<b>Most Recent Accreditation:</b>	2023-07-26
<b>Accreditation Valid to:</b>	2027-11-29

#### TEST METHOD DEVELOPMENT AND NON-ROUTINE TESTING

## **Chemical Analysis: Foods, Edible Products and Biological Matrices**

### **Description of Activities**

1. Development, validation and application of methodologies for the determination of persistent organic pollutants, allergens and chemicals with health impacts in food, edible products, and biological matrices
2. Application of commercially available test kits, for the screening and determination of allergens in food and edible products

### **Techniques**

1. Liquid chromatography (HPLC, UHPLC) with mass spectrometer (MS, MS/MS) detection
2. Gas chromatography (GC) with Mass Spectrometer (MS, MS/MS) and High Resolution (HRMR) detection
3. Enzyme-linked immunosorbent assay (ELISA) with spectrophotometric (UV-Vis) detection

### **Procedures used for Test Method Development and Non-routine Testing:**

1. WES-SOP-0164 Customer Service Requests
2. WES-SOP-0189 Management of TMD-NRT Projects

Number of Scope Listings: 3

### **Notes:**

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

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

**WES-SOP:** Western Region-Standard Operating Procedure

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](http://www.scc.ca).

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Vice-President, Accreditation Services  
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