

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 404

**Legal Name of Accredited Laboratory:** **Ontario Region, Health Canada**

Location Name or Operating as (if applicable): FOOD LABORATORIES DIVISION

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<b>SCC File Number:</b>	15536
<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>	2001-08-23
<b>Most Recent Accreditation:</b>	2021-08-19
<b>Accreditation Valid to:</b>	2022-02-23

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

Note: Laboratories accredited under this Program Specialty Area have demonstrated that they meet ISO/IEC 17025 requirements for routine testing under the same product classification as described below.

Chemical Analysis:  
Foods, Edible Products and Biological Matrices

Description of Activities:

The Health Canada Ontario Region Food Laboratory Division analyzes various foods, edible products and biological matrices for persistent organic pollutants in support of client requests by using existing validated methods or modified methods. The class of persistent organic pollutants include but are not limited to industrial and agricultural chemicals such as dioxins, furans, PCBs, PDBEs and pesticides.

The specific activities are:

1. The development and validation of methodology for the determination of persistent organic pollutants in foods, edible products and biological matrices
2. The development and validation of high resolution gas chromatograph / high resolution sector mass spectrometry techniques for the quantification of persistent organic pollutants

This excludes the following activities:

1. The development and validation of methodology for the determination of persistent organic pollutants in food, edible products and biological matrices by Gas Chromatography- Tandem Mass Spectroscopy
2. The development and validation of methodology for the determination of persistent organic pollutants in food, edible products and biological matrices by Liquid Chromatography - Tandem Mass Spectroscopy

Below are related Standard Operating Procedures:

1. ONT-QP-0007 Managing Method Development
2. ONT-QP-0032 Managing Project Information

## **ANIMAL AND PLANTS (AGRICULTURE)**

### **Foods and Edible Products: (Human and Animal Consumption)**

**Animal or Vegetable Fats and Oils and their Cleavage Products; Prepared Edible Fats; Animal or Vegetable Waxes**

ONT-SOP-0080	Percent Fat and Fatty Acid Methyl Ester (FAME) Determination (based on AOAC 996.06)
ONT-SOP-0069	Method of Analysis for Polychlorinated Biphenyls (PCBs)
ONT-SOP-0093	Method of Analysis for Polybrominated Diphenyl Ethers (PBDEs)
ONT-SOP-0108	Method of Analysis for Polychlorinated Dibenzo-para-dioxins (PCDDs) Polychlorinated Dibenzofurans (PCDFs) and Coplanar Polychlorinated Biphenyls (coplanar-PCBs)

**Other (specify):**

Number of Scope Listings: 5

**Notes:**

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

**SCC RG-TMDNRT:** Guidelines for the Accreditation of Laboratories Engaged in Test Method Development & Evaluation and Non-Routine Testing

**ONT-SOP:** Health Canada Ontario Region Food Laboratories Standard Operating Procedure

**AOAC:** AOAC International (Previously called the Association of Official Analytical Chemists)

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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