



**Standards Council of Canada**

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Ottawa, ON K1P 6L5  
Canada

**Conseil canadien des normes**

55, rue Metcalfe, bureau 600  
Ottawa, ON K1P 6L5  
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**SCOPE OF ACCREDITATION**

**Food Directorate, Health Canada**  
**FOOD RESEARCH DIVISION, BUREAU OF CHEMICAL SAFETY**  
**Sir Frederick G. Banting Research Centre 251 Sir Frederick Banting Driveway**  
**Ottawa, ON**  
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Accredited Laboratory No. 771  
(Conforms with requirements of ISO/IEC 17025:2005, RG-TMDNRT)

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FIELDS OF TESTING:	Chemical/Physical
PROGRAM SPECIALTY AREA:	Agriculture Inputs, Food, Animal Health and Plant Protection (PSA-AFAP) ; Test Method Development and Non-Routine Testing (TMD&NRT)
INITIAL ACCREDITATION DATE:	2013-04-08
SCOPE ISSUED ON:	2019-04-24
ACCREDITATION VALID TO:	2021-04-08



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

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

#### **(Food Stuffs)**

NCR_WI.0055	Determination of Lead and Cadmium in Food by Microwave Digestion and ICP-MS
NCR_WI.0051	Determination of Paralytic Shellfish Poisoning (PSP) Toxins in Shellfish using Prechromatographic Oxidation and Liquid Chromatography with Fluorescence Detection

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

### **Chemical Analysis: Foods and Edible Products**

Description of activities:

1. Development, validation and application of methodologies for the determination of trace level of food packaging chemicals in food and edible products.
2. Evaluation and application of quantitative test kits for the determination of food allergens in processed food, ingredients, and edible products.

Techniques:

1. Gas chromatography (GC) using mass spectrometric detection.
2. Enzyme-linked immunosorbant assay (ELISA) with spectrophotometric (UV-Vis) detection.

Procedures used for Test Method Development and Non-Routine Testing:

1. NCR\_SOP.0032 Customer Service Requests



**Notes:**

**ISO/IEC 17025:2005:** 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

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Elias Rafoul, Vice President  
Accreditation Services

Date: 2019-04-19

Number of Scope Listings: 2

SCC 1003-15/935

Partner File #0

Partner: