

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** PBR Laboratories Inc.

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|-----------------------------------|--|
| <b>SCC File Number:</b>           | 15236  |
| <b>Accreditation Standard(s):</b> | ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories |
| <b>Fields of Testing:</b>         | Biological<br>Chemical/Physical  |
| <b>Program Specialty Area:</b>    | Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP)<br>Environmental Testing (ET)  |
| <b>Initial Accreditation:</b>     | 1995-03-06   |
| <b>Most Recent Accreditation:</b> | 2023-03-11   |
| <b>Accreditation Valid to:</b>    | 2027-03-06   |

*Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.*

*Note: This scope of accreditation is also available in French as a separately issued document.*

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

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

#### **Edible Vegetables and Certain Roots and Tubers**

#### **Meat and Edible Meat Offal**

#### **Meat and Meat Products**

#### **Food and Food Products**

#### **Microbiological Examinations**

|                  |  |
|------------------|--|
| MFHPB-18 (1001)  | Determination of the Aerobic Colony Counts in Foods  |
| MFHPB-19 (1005M) | Enumeration of Coliforms, Faecal Coliforms and <i>E. coli</i> in Foods using the MPN method  |
| MFHPB-20 (1006D) | Isolation and Identification of <i>Salmonella</i> from Food and Environmental Samples  |
| MFHPB-21 (1007)  | Enumeration of <i>Staphylococcus aureus</i> in Foods   |
| MFHPB-22 (1002)  | Enumeration of Yeasts and Molds in Foods   |
| MFHPB-23 (1011P) | Enumeration of <i>Clostridium perfringens</i> in Foods   |
| MFHPB-30 (1009)  | Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. from Food and Environmental Samples                              |
| MFHPB-34 (1005P) | Enumeration of <i>Escherichia coli</i> and Coliforms in Food Products and Food Ingredients using 3M Petrifilm™ <i>E. coli</i> count plates |
| MFLP-15          | The Detection of <i>Listeria</i> species from environmental surfaces using the Dupont Qualicon BAX System method and direct plating        |
| MFLP-28          | The Qualicon Bax® System Method for the Detection of <i>Listeria monocytogenes</i> in a variety of food                                    |
| MFLP-29          | The Bax® System Method for the detection of <i>Salmonella</i> in foods and environmental surface samples                                   |
| 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-43          | Determination of Enterobacteriaceae  |
| MFLP-44          | Determination of Aerobic and Anaerobic Sporeformers  |

**ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY**

**(Environmental Microbiology)**

|                              |  |
|------------------------------|--|
| APHA 9215 (1101)             | Heterotrophic Plate Count  |
| APHA 9221 B, E, F (1103M)    | Enumeration of Total Coliforms, Fecal Coliforms and <i>Escherichia coli</i> in water by Multiple Tube Fermentation Technique (MPN) |
| APHA 9222 B, D, H, I (1103F) | Enumeration of Total Coliforms, Fecal Coliforms and <i>Escherichia coli</i> in Water by Membrane Filtration (MF)                   |
| APHA 9223 A, B (1105)        | Enzyme Substrate Coliform Test   |
| MCQ Colilert)                | Total Coliforms and <i>Escherichia coli</i> by <i>Quanti-tray</i>  |
| APHA 9260 J (1120)           | <i>Legionella</i>  |

**Water/Wastewater**

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| Abraxis Microcystins / ELISA kit (1429) | Microcystins Analysis in water by ELISA Method |
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**Food / Environmental (Analytical / Biochemical)**

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| AOAC 985.29 (1424)                          | Determination of Total Dietary Fiber in Foods  |
| AOAC 920.39C, 922.06, 952.06, 960.39 (1426) | Determination of Crude Fat in Foods  |
| AOAC 992.23, 992.15, 990.03 (1427)          | Determination of Crude Protein in Foods  |
| 1428  | Determination of Allergens (Gliadin, Soy and Milk) in Food and Environmental Samples by commercial ELISA test kits |
| AgraQuant ELISA Kit (1432)                  | Determination of Mycotoxin in Food   |
| AOAC 978.18(1431)                           | Determination of Water activity in Food  |

Number of Scope Listings: 26

**Notes:**

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

**SM/APHA:** Standard Method for the Examination of Water and Wastewater 23rd Edition

**EPA:** Environmental Protection Agency

**SSMA:** Soil Sampling and Methods of Analysis, M.R. Carter, 2008

**ISO:** International Organization for Standardization

**MFHPB:** Compendium of Analytical Methods; HPB Methods for the Microbiological Analysis of Foods, Food and Nutrition Branch, Health Canada

**MFLP:** Compendium of Analytical Methods; Laboratory Procedures for the Microbiological Analysis of foods, Food and Nutrition Branch, Health Canada

**AOAC:** Official Methods of Analysis AOAC International, 20th edition, 2016

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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