



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 166

Legal Name of Accredited Laboratory: PBR Laboratories Inc.

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SCC File Number:	15236
Accreditation Standard(s):	ISO/IEC 17025:2005
Fields of Testing:	Biological Chemical/Physical
Program Specialty Area:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP) Environmental Testing (ET)
Initial Accreditation:	1995-03-06
Most Recent Accreditation:	2019-01-31
Accreditation Valid to:	2023-03-06

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
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Foods
Protocol 1311	Fungal Isolation and Identification to Genus and Species Level.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

(Environmental Microbiology)

APHA 9215 (1101)	Heterotrophic Plate Count
APHA 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 MCQ Colilert)	Enzyme Substrate Coliform Test Total Coliforms and <i>Escherichia coli</i> by <i>Quanti-tray</i>



APHA 9260 J (1120) *Legionella*

Water/Wastewater/Soil

EPA 120.1, SSMA 15.2.2 (1403)	Determination of Conductance in Water, Waste Water and Soil
EPA 150.1, EPA SW-846 Method 9045 (1401)	Determination of pH in Water, Waste Water and Soil
EPA 180.1 (1416)	Determination of Turbidity in Water and Waste Waters
EPA 300.0, SSMA 15.2 and 6.2(1412)	Determination of Inorganic anions in Water, Waste Water and Soil by Ion Chromatography Bromide Chloride Fluoride Nitrate Nitrite Orthophosphate Sulfate
EPA 310.1 (1405)	Determination of Alkalinity in Water and Waste Water
ISO 14911:1998, SSMA 15.2 (1410)	Determination of Cations in Water, Waste Water and Soil by Ion Chromatography Ammonium Calcium Lithium Magnesium Potassium Sodium
SM 2540C (1408)	Analysis of Total Dissolved Solids in Water
SM 2540D (1409)	Analysis of Total Suspended Solids in Water
EPA 200.7 (1420)	Determination of Metals and Trace Elements in Soil and Water by Inductively Coupled Plasma-Optical Emission Spectroscopy Aluminium Arsenic Barium Boron Calcium Chromium Iron Lead Lithium Magnesium



Manganese
Phosphorous
Potassium
Silicon
Sodium
Strontium
Sulfur

SM 5210B-01 (1422) Determination of Biochemical Oxygen Demand (5-day BOD 20°C)

**Food / Environmental
(Analytical / Biochemical)**

AOAC 985.29 (1424)

AOAC 994.10 (1425)

Determination of Total Dietary Fiber in Foods

Determination of Cholesterol 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

Abraxis Microcystins /
Nodularins (ADDA) ELISA kit
(1429)

Determination of Allergens in Food and Environmental Samples

Microcystins Analysis by ELISA Method

Notes: ISO/IEC 17025-2005: General Requirements for the Competence of Testing and Calibration Laboratories

SM/APHA: Standard Method for the Examination of Water and Waste Water 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



Standards Council of Canada
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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.

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