

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: PBR Laboratories Inc.

Contact Name: Swati Joshi Director of Quality Assurance

Address: 9960-67 Avenue NW, Edmonton, AB- T6E 0P5

Telephone: +1 780 450 3957

Fax: +1 780 450 3960

Website: www.pbr.ca

Email: s.joshi@pbr.ca

SCC File Number:	15236
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
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:	2022-07-11
Accreditation Valid to:	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 *Escherichia coli* in water by Multiple Tube Fermentation Technique (MPN)

APHA 9222 B, D, H, I (1103F) Enumeration of Total Coliforms, Fecal Coliforms and *Escherichia coli* in Water by Membrane Filtration (MF)

APHA 9223 A, B (1105 MCQ Colilert) Enzyme Substrate Coliform Test
Total Coliforms and *Escherichia coli* by *Quanti-tray*

APHA 9260 J (1120) *Legionella*

Water/Wastewater

EPA 120.1 (1403) Determination of Conductance in Water

EPA 150.1, (1401) Determination of pH in Water

EPA 180.1 (1416) Determination of Turbidity in Water and Waste Waters

EPA 300.0 (1412) Determination of Inorganic anions in Water, 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, (1410) Determination of Cations in Water 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
SM 5210B-01 (1422)	Determination of Biochemical Oxygen Demand (5-day BOD 20°C)

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

AOAC 985.29 (1424)	Determination of Total Dietary Fiber in Foods
AOAC 994.10 (1425)	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	Determination of Gliadin (Gluten) Allergen in Food and Environmental Samples
Abraxis Microcystins / Nodularins (ADDA) ELISA kit (1429)	Microcystins Analysis by ELISA Method

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 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



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.

Elias Rafoul
Vice-President, Accreditation Services
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