



SCOPE OF ACCREDITATION

Gelda Scientific & Industrial Development Corporation
GELDA SCIENTIFIC
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Accredited Laboratory No. 344
(Conforms with requirements of ISO/IEC 17025:2005)

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Biological, Chemical/Physical

PROGRAM SPECIALTY AREA: Agriculture Inputs, Food, Animal Health and Plant Protection (PSA-AFAP) , Environmental, Environmental (OSDWA)

SCOPE ISSUED ON: 2019-03-27

ACCREDITATION VALID TO: 2022-10-06

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 Beverages, Spirits and Vinegar Cereals and Products of the Milling Industry Coffee, Tea, Maté, and Spices Dairy Products Edible Fruits and Nuts Edible Vegetables and Certain Roots and Tubers, Eggs and Fish, Feeds, Meat and Edible Meat Offal Preparation of Vegetables, Fruits, Nuts and Parts of Plants Preparation of Cereals, Flour, Starch; Pastry Cook's Products Sugars and Sugar Confectionery) and Environmental samples.



Microbiological Tests

(Biological)

AOAC-RI 061201	Veratox® Gliadin R5 test 8510 as a measure of Gluten in Foods and environmental samples
GLM021	Enumeration of Thermophilic sporeformers in food (modified MFLP44).
MFHPB-10	Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples
MFHPB-18	Determination of the Aerobic Colony Counts in Foods
MFHPB-19	Enumeration of Coliforms, Fecal Coliforms and <i>E. coli</i> in Foods using the MPN Method
MFHPB-20	Isolation and Identification of <i>Salmonella</i> from Food and Environmental samples
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods
MFHPB-22	Enumeration of Yeasts and Moulds in Foods
MFHPB-23	Enumeration of <i>Clostridium perfringens</i> in Foods
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria spp.</i> from Foods and Environmental Samples
MFHPB-34	Enumeration of <i>E. coli</i> and Coliforms in Food Products and Food Ingredients using 3M™ Petrifilm™ <i>E. coli</i> Count Plates
MFLP 49	Detection of <i>Salmonella spp.</i> in food products and environmental surfaces by (Vidas UP <i>Salmonella</i> (SPT) Method
MFLP 59	Detection of <i>Listeria spp.</i> in food products and environmental surface samples with VIDAS® UP <i>Listeria</i> (LPT)
MFLP 75	Procedure for the Isolation of <i>Salmonella</i> species by the Modified Semi-Solid Rappaport Vassiliadis (MSRV) Method
MFLP 82	Detection of <i>Escherichia coli</i> O157 by the Merck Singlepath ^R <i>E.coli</i> O157 Kit.
MFLP 83	Detection of Verotoxins VT1 and VT2 from <i>Escherichia coli</i> O157:H7/NM by the Merck Duopath ^R Verotoxin Kit
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 food using the BAX System <i>E.coli</i> O157:H7 MP.
MFLP-44	Determination of aerobic and anaerobic sporeformers
MFLP-9	Enumeration of <i>Enterobacteriaceae</i> species in Foods and Environmental Samples using 3M™ Petrifilm™ <i>Enterobacteriaceae</i> Count plates
Neogen Veratox V8450	Neogen Veratox V8450 Egg Allergen
Neogen Veratox V8470	Neogen Veratox V8470 Total Milk Allergen

CHEMICALS AND CHEMICAL PRODUCTS

Chemicals for Agricultural Industry:

(Fertilizers)

Cleaning Agents:

(Disinfectants, Soaps & Detergents)

Pharmaceuticals and Cosmetics

(Cream, Liquid, Tablet, Capsule, Liquids, Solids and powders, Cream and oil-based products, Aerosols of powders, soaps, liquids, and other materials, Anhydrous materials).

Other:

(Natural Health Products)

(Microbiological)

USP 2021	MICROBIAL ENUMERATION TESTS-NUTRITIONAL AND DIETARY SUPPLEMENTS
USP 2022	MICROBIOLOGICAL PROCEDURES FOR ABSENCE OF SPECIFIED MICROORGANISMS-NUTRITIONAL AND DIETARY SUPPLEMENTS
USP 51	ANTIMICROBIAL EFFECTIVENESS TESTING
USP 61	MICROBIOLOGICAL EXAMINATION OF NONSTERILE PRODUCTS: MICROBIAL ENUMERATION TESTS
USP 62	MICROBIOLOGICAL EXAMINATION OF NONSTERILE PRODUCTS: TESTS FOR SPECIFIED MICROORGANISMS
FDA BAM Chapter 23:	MICROBIOLOGICAL METHODS FOR COSMETICS Except for: Anaerobic plate count for talcs and powders

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY



Environmental

(Soil/Sediment/Water/Sludge/Sewage/Effluent/Industrial Waste/Water (Microbiology)
/Wastewater (Microbiology)

Water Quality:

(Drinking Waters Ground Waters Industrial Chemicals and Wastes Industrial Effluent
Precipitation Process Waters Recycled Waters Saline Waters Surface Waters)

(Microbiological)

APHA SM 9215A & B (OSDWA)	Heterotrophic Plate Count (HPC), TM-M1.0 POUR PLATE
MOECC E3407 (OSDWA)	<i>Escherichia coli</i> <i>E.coli</i> (DC), TM-M4.0 MEMBRANE FILTRATION
MOECC E3407 (OSDWA)	Total Coliforms (DC) TM-M2.0 MEMBRANE FILTRATION (Background Counts, <i>Escherichia coli</i> (<i>E. coli</i>) & Coliforms)

Water (Inorganic)

APHA SM 4500-H+B (OSDWA)	pH, TC-C3.0
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Notes:

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

HPB: Health Protection Branch

MFHPB: HPB Methods of Microbial Analysis for Food

MFLP: Laboratory Procedures of Microbiological Analysis for Food (HPB)

USEPA: United States Environmental Protection Agency

OSDWA: Ontario Safe Drinking Water Act

APHA: American Public Health Association

SM: Standard Method

ASTM: American Society for Testing and Materials

MOECC: Ministry of Environment Climate Change (Ontario)

TM: Subject Laboratory Test method instruction for Microbiology

TC: Subject Laboratory Test method instruction for Chemistry

AOAC: Association of Official Analytical Chemists (AOAC) International

BAM: Bacteriological Analytical Manual

GLM: Gelda Laboratory Method



Standards Council of Canada
Conseil canadien des normes

Elias Rafoul, Vice President
Accreditation Services

Date: 2019-03-26

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