



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 344

Legal Name of Accredited Laboratory: **Gelda Scientific & Industrial Development Corporation**

Location Name or Operating as (if applicable): GELDA SCIENTIFIC

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SCC File Number:	15426
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) Environmental (OSDWA)
Initial Accreditation:	2000-10-06
Most Recent Accreditation:	2021-01-12
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

Sugars and Sugar Confectionery

Unprocessed Milk:

Seeds:

Microbiological and Chemical Tests

GLM021	Enumeration of Thermophilic spore formers in food (modified MFLP44)
MFHPB-10	Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples (except for VT Gene confirmation)
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</i> spp. 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 9	Enumeration of Enterobacteriaceae species in Foods and Environmental Samples using 3M™Petrifilm™ Enterobacteriaceae 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 food using the BAX System <i>E.coli</i> O157:H7 MP
MFLP 44	Determination of aerobic and anaerobic spore formers
MFLP 49	Detection of <i>Salmonella</i> spp. in food products and environmental surfaces by (Vidas UP <i>Salmonella</i> (SPT) Method
MFLP 59	Detection of <i>Listeria</i> spp. 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 [®] <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 [®] Verotoxin Kit
AOAC-RI 061201	Veratox® Gliadin R5 test 8510 as a measure of Gluten in Foods
Neogen Veratox V8450	Neogen Veratox V8450 Egg Allergen
Neogen Veratox V8470	Neogen Veratox V8470 Total Milk Allergen



CHEMICALS AND CHEMICAL PRODUCTS

Cleaning Agents:

Disinfectants

Soaps & Detergents

Pharmaceuticals and Cosmetics:

Capsule

Cream

Liquid

Tablet

Other (specify):

(Natural Health Products)

Microbiological tests

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 Product: 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:

Water (Microbiology)

APHA SM 9215A & B (OSDWA)	Heterotrophic Plate Count (HPC) (TM-M1.0 Pour Plate)
MECP E3407 (OSDWA)	<i>Escherichia coli E.coli</i> (DC agar) (TM-M2.0 (4.0) Membrane Filtration)
MECP E3407 (OSDWA)	Total Coliforms (DC agar) TM-M2.0 Membrane Filtration (Background Counts, <i>Escherichia coli (E. coli)</i> & Coliforms)

Number of Scope Listings: 33

Notes:

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

AOAC: Association of Official Analytical Chemists (AOAC) International.

APHA: American Public Health Association.

FDA: US Food and Drug Administration Bacteriological Analytical Manual.

HPB: Health Protection Branch.

MECP: Ministry of Environment, Conservation and Parks.

MFHPB: HPB Methods of Microbial Analysis for Food.

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

OSDWA: Ontario Safe Drinking Water Act.

SM: Standard Method.

TM: Test method work instruction for Microbiology.

USP: United States Pharmacopeia.

GLM: Gelda Laboratory Method.

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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 Vice-President, Accreditation Services
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