

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

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

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

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|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>SCC File Number:</b>           | 15426                                                                                                                      |
| <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)<br>Environmental (OSDWA) |
| <b>Initial Accreditation:</b>     | 2000-10-06                                                                                                                 |
| <b>Most Recent Accreditation:</b> | 2022-08-17                                                                                                                 |
| <b>Accreditation Valid to:</b>    | 2024-10-06                                                                                                                 |

*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):**

**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-7  | Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. from Foods and Environmental Samples using Palcam Broth                                    |
| MFHPB-10 | Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples (except for Section 6.8.6- Verotoxin (A) and VT Gene confirmation(B)]". |
| 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 9               | Enumeration of <i>Enterobacteriaceae</i> species in Foods and Environmental Samples using 3M™ Petrifilm™ <i>Enterobacteriaceae</i> Count plates |
| 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                         |
| 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

**Cosmetics:**

Solids and Powder

Cream and Oil-based Products

Liquid and Aerosols

**Other (specify):**

**(Natural Health Products) Nutraceuticals**

**Nutritional Supplements**

**Dietary Supplements**

**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.<br>Except for: Anaerobic plate count for talcs and powders        |

**ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY**

**Environmental:**

**Water (Microbiology)**

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

Number of Scope Listings: 31

**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](http://www.scc.ca).

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 Vice-President, Accreditation Services  
 Publication on: 2022-08-18