



## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 15

**Legal Name of Accredited Laboratory:** **Silliker Canada Co. (Mérieux NutriSciences)**

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<b>SCC File Number:</b>	15024
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Biological Chemical/Physical
<b>Program Specialty Area:</b>	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP)
<b>Initial Accreditation:</b>	1984-10-10
<b>Most Recent Accreditation:</b>	2019-04-30
<b>Accreditation Valid to:</b>	2024-10-10

### 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

Dairy Products

Edible Fruits and Nuts



**Edible Vegetables and Certain Roots and Tubers**

**Meat and Edible Meat Offal**

**(Chemical)  
(Aflatoxins)**

QA-9901-2333	Aflatoxin (total) in corn, nuts, and nut products and enzymes - Immunoaffinity Column (Modified from AOAC 991.31)
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**(Chemical)  
(Fat Components)**

QA-9901-1863	Cholesterol in Foods - Direct Saponification (Modified from AOAC 994.10)
QA-9901-2056	Total Fat and Fatty Acids by Gas Chromatography (Saturates, Trans, Cis- monounsaturates, Cis, Cis-polyunsaturates, Omega-3 polyunsaturates, Omega-6 polyunsaturates) (Modified from AOAC 996.06, 969.33 and 6th edition Ce-1h-05)

**(Enumeration)**

ISO 21528-2 (Current Version)	Microbiology of food and animal feeding stuffs Horizontal methods for the detection and enumeration of <i>Enterobacteriaceae</i> - Part 2: Colony-count technique [QA-0017-0240].
MFHPB-18	Determination of the Aerobic Colony Count in Foods [QA-9901-1001]
MFHPB-19	Enumeration of Coliforms, Faecal Coliforms and of <i>E. Coli</i> in Foods Using MPN Method [QA-9901-3187]
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods [QA-9901-1003]
MFHPB-22	Enumeration of Yeasts and Moulds in Foods [QA-9901-1019]
MFHPB-23	Enumeration of <i>Clostridium perfringens</i> in Foods. [QA-9901-1039]
MFHPB-31	Determination of Coliforms in Foods Using Violet Red Bile Agar [QA-9901-1002]
MFHPB-33	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients Using 3M™ Petrifilm™ Aerobic Count Plates. [QA-9901-3511]
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 [QA-9901-2144]
MFHPB-35	Enumeration of Coliforms in Food Products and Food Ingredients Using 3M™ Petrifilm™ Coliform Count Plates [QA-9901-2326]



MFLP-09	Enumeration of Enterobacteriaceae Species in Food and Environmental Samples using 3M™ Petrifilm™ <i>Enterobacteriaceae</i> Count Plates [QA-9901-2325]
MFLP-21	Enumeration of <i>Staphylococcus aureus</i> in Foods and Environmental Samples Using 3M™ Petrifilm™ Staph Express Count (STX) Plates. [QA-9901-3568]
MFLP-42	Isolation and enumeration of the <i>Bacillus cereus</i> Group in Foods. [QA-9901-1040]
MFLP-66	Determination of Water Activity Using the Decagon Aqualab [QA-9901-3263]
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Food [QA-9901-2148]
QA-9901-1009	Enumeration of Coliforms, Faecal Coliforms and of <i>Escherichia coli</i> in Foods using MPN Method MFHPB-19-Modified for 3 Tube
QA-9901-1040	Isolation and enumeration of the <i>Bacillus cereus</i> Group in Foods using Method MFLP-42 modified for detection limit < 10 CFU/g.
QA-9901-3001	Determination of Aerobic Colony Count in Foods and Environmental Samples by the Hydrophobic Grid-Membrane Filter (HGFM) Method. MFLP-56 - Modified for singlicate membrane filtration for water samples
QA-9901-3002	Enumeration of Coliforms in Foods by the Hydrophobic Grid-Membrane Filter (HGFM) Method. MFHPB-17 - Modified for singlicate membrane filtration for water samples
QA-9901-3009	Enumeration of <i>Escherichia coli</i> in Foods by the Hydrophobic Grid - Membrane Filter (HGFM) Method. MFHPB-26 - Modified for singlicate membrane filtration for water samples
QA-9901-3016	Enumeration of Faecal Coliforms in Foods by the Hydrophobic Grid - Membrane Filter (HGFM) Method. MFLP-55 - Modified for singlicate membrane filtration for water samples

**(Microbiological Examination - Detection)**

Assurance GDS MPX Top 6 STEC Assay	Assurance GDS ShigaToxin Producing E.coli, MPX Top 6 [QA-0025-0848]
Assurance GDS MPX Top 7 STEC Assay	Assurance GDS Shiga Toxin Producing E.coli, MPX Top 7. [QA-0025-0848]
ISO 21528-1(Current Version)	Microbiology of food and animal feeding stuffs – Horizontal methods for the detection and enumeration of <i>Enterobacteriaceae</i> -Part 1: Detection and enumeration by MPN technique with pre-enrichment. [QA-0017-0230]



MFHBP-10	Isolation of <i>Escherichia coli</i> O157:H7/NM from foods and environmental surface samples [QA-9901-3381]
MFHPB-01	Determination of Commercial Sterility and the Presence of Viable Microorganisms in Canned Foods [QA-9901-1317]
MFHPB-07	The Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. from Foods and Environmental Samples Using Palcam Broth [QA-9901-3379]
MFHPB-20	Isolation and Identification of <i>Salmonella</i> from Foods and Environmental Samples. [QA-9901-1007]
MFHPB-24	Detection of <i>Salmonella</i> Spp. in foods by the Vidas SLM™ Method [QA-9901-2314]
MFHPB-29	Detection of <i>Listeria</i> spp. in Food and Environmental Samples by the Vidas Listeria™ Method [QA-9901-3202]
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. from Foods and Environmental Samples [QA-9901-3005]
MFLP-15	The Detection of <i>Listeria</i> species from Environmental Surfaces Using the Dupont Qualicon BAX® System Method and Direct Plating [QA-9901-3681]
MFLP-16	Detection of <i>Escherichia coli</i> O157:H7 Tq in Foods-Assurance GDS™ for <i>E.coli</i> O157:H7 Tq Gene Detection System [QA-9901-3744]
MFLP-25	Isolation and Identification of <i>Shigella</i> spp. From Foods. [QA-9901-3687]
MFLP-28	The Qualicon Bax® System Method for the Detection of <i>Listeria monocytogenes</i> in a Variety of Food [QA-9901-3335]
MFLP-29	The BAX® System Method for the Detection of <i>Salmonella</i> in Foods and Environmental Surface Samples [QA-9901-3297]
MFLP-30	Detection of <i>E.coli</i> O157:H7 Select Foods Using BAX® System <i>E.coli</i> O157:H7 MP [QA-9901-3336]
MFLP-33	Detection of <i>Listeria monocytogenes</i> in Foods by the Vidas LMO 2™ Method [QA-9901-3251]
MFLP-38	Detection of <i>Salmonella</i> spp. From All Foods and Selected Environmental Surfaces Using iQ-Check <i>Salmonella</i> Real Time PCR Test Kit [QA-9901-3766]
MFLP-39	Detection of <i>Listeria</i> spp from Environmental Surfaces and Heat Processed Ready to Eat Meat and Poultry Using iQ-Check™ <i>Listeria</i> spp. Real-Time PCR Test Kit [QA - 9901- 3764]
MFLP-46	Isolation of thermophilic <i>Campylobacter</i> from Foods. [QA-9901-1781]



MFLP-49	Detection of <i>Salmonella</i> spp in food products and Environmental Surfaces by the Vidas® UP Salmonella (SPT) method [QA-9901-3760]
MFLP-54	Detection of <i>Listeria monocytogenes</i> From Selected Foods Using iQ-Check <i>Listeria monocytogenes</i> Real-Time PCR Test Kit QA-9901-3765
MFLP-59	Detection of <i>Listeria</i> spp in food products and environmental surface samples with VIDAS®UP <i>Listeria</i> (LPT) [QA-9901-3762]
MFLP-65	Detection of Staphylococcal enterotoxins in food products using the VIDAS® Staph enterotoxin II (set 2), an ELFA (Enzyme Linked Fluorescent Assay) technique. [QA-9901-1078]
MFLP-76	The DuPont Qualicon BAX® System real-time method for the detection of <i>E.coli</i> O157:H7 in raw beef trim and raw ground beef. [QA-9901-3749]
MFLP-77	Detection of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp in food products and environmental samples by the VIDAS® <i>Listeria</i> species Xpress (LSX) method [QA-9901-3747]
MFLP-83	Detection of Verotoxins VT 1 and VT 2 from <i>Escherichia coli</i> O157:H7/NM by the Merck Duopath® Verotoxin Kit. [QA-9901-3381]
USDA- FSIS MLG 4C.07	FSIS Procedure for the Use of a Polymerase Chain Reaction (PCR) assay for screening <i>Salmonella</i> in Meat, Poultry, Egg and Siluriformes (Fish) Products and Carcass and Environmental Sponges. [QA-9901-3561]
USDA-FSIS MLG 4 (Current Version)	Isolation and Identification of <i>Salmonella</i> from Meat, Poultry, Pasteurized Egg and Siluriformes (Fish) Products and Carcass and Environmental Sponges. [QA-9901-3262]
USDA-FSIS MLG 5C (Current Version)	Detection, Isolation and Identification of Top Seven Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) from Meat Products and Carcass and Environmental Sponges. [QA-9901-3768]
USDA-FSIS MLG 5A.04	FSIS Procedure for the Use of <i>Escherichia coli</i> O157:H7 Screening Tests for the Meat Products and Carcass and Environmental Sponges. [QA-9901-3578]
USDA-FSIS MLG 5B.05	Detection and Isolation of non-O157 Shiga Toxin Producing <i>Escherichia coli</i> (STEC) from Meat Products and Carcass and Environmental Sponges. [QA-0025-0900]



USDA-FSIS MLG41 (Current Version)	Isolation and Identification of <i>Campylobacter jejuni/coli/lari</i> from Poultry Rinse, Sponge and Raw Product Samples. [QA-9901-3750]
USDA-FSIS MLG8A.06	FSIS Procedure for the Use of a <i>Listeria monocytogenes</i> Polymerase Chain Reaction (PCR) Screening Test. [QA-9901-3579]

**(Minerals)**

QA-9901-1146	Minerals in Foods - Inductively Coupled Plasma (Modified from AOAC 984.27, 985.01)
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**(Miscellaneous)**

MFHPB-03	Determination of the pH of foods including foods in hermetically sealed containers
QA-9901-1135	Chloride (Salt) in Meat and Cheese (Modified from AOAC 935.47, 935.43, 937.09)
QA-9901-1217	Benzoate and Sorbate in Foods by HPLC (Modified from JAOAC 1985:68 (488))
QA-9901-1227	Peroxide Value (Modified from AOCS Cd 8b-90)
QA-0350-1800	Sulfites in Foods (Modified from AOAC 990.28)
QA-9901-3079	Allergens in Foods & Environmentals (Quantifiable Immunoassay Testing-ELISA) (QA-9901-3079) Peanut Almond Hazelnut Total Milk Egg and Egg Protein Soy Gliadin Sesame Seeds Protein Mustard Beta Lactoglobulin Casein Pistachio Cashew Brazil Pecan Walnut Macadamia



**(Proximates)**

AS-CC-002	Insoluble, Soluble and Total Dietary Fibre in Foods (CODEX Definition) (modified from AOAC 2011.25)
QA- 0220-4410	Total Dietary Fiber (Modified Procedure with Single Residue) (modified from AOAC 991.43)
QA-0200-4101	Moisture by Vacuum Oven (Modified from AOAC 925.09, 925.40, 926.08, 931.04, 925.30, 927.05, 934.06)
QA-0200-4102	Moisture by Forced Air Oven (Modified from AOAC 950.46B, 952.08, 925.23, 941.08)
QA-9901-1000	Crude Fibre in Feeds (ANKOM Analyzer) (Modified from AOCS Ba, 6a-05)
QA-9901-1119	Ash in Foods (Modified from AOAC 920.153, 923.03, 935.42, 945.46)
QA-9901-1153	Fat in Foods - Acid Hydrolysis (Modified from AOAC 922.06, 925.32, 935.38, 948.15, AACC30-10)
QA-0210-4201	Fat in Food Products by the Soxhlet Procedure (Modified from AOAC 960.39)
QA-9901-1190	Insoluble and Soluble Dietary Fibre (Modified from AOAC 991.43)
QA-9901-1208	Sugars in Foods by HPLC (Modified from AOAC 982.14, 980.13)
QA-9901-1812	Fat in Milk - Modified Mojonnier (Modified from AOAC 905.02, 989.05)
QA-9901-2200	Protein-Combustion Method (Modified from AOAC 992.15, 992.23)

**(Vitamins)**

QA_9901-1783	Vitamin E (alpha tocopherol) in Foods (Modified from AACC 86-06)
QA-9901-1176	Thiamine (Vitamin B1) and Riboflavin (Vitamin B2) in Foods (Modified from AOAC 942.23, 981.15, J. Food Comp. and Analysis Vol. 2 (1) 41 (1989)
QA-9901-1419	Niacin and Niacinamide in Foods and Vitamin Preparations (Modified from AOAC 960.46, 944.13, FDA 340, 1996)
QA-9901-1771	Total Folate in Foods and Vitamin Preparations (Modified from AOAC 960.46, 944.12, FDA 332, 1996)
QA-9901-1784	Pyridoxine (Vitamin B6) in Foods and Vitamin Preparations (Modified from AOAC 960.46, 961.15, FDA 400, 1996)
QA-9901-1785	Cobalamin (Vitamin B12) in Foods and Vitamin Preparations (Modified from AOAC 960.46, 952.20, FDA 410, 1996)



QA-9901-1786	Biotin in Foods (Modified from FDA 310, 1996)
QA-9901-1788	Pantothenic Acid in Foods and Vitamin Preparations (Modified from AOAC 960.46, 945.74, FDA 361, 1996)
QA-9901-1818	Vitamin A (retinol and beta-carotene) in Foods (Modified from AOAC 2001.13, Methods of Vitamin Assays, 4th ed., (1985))
QA-9901-3761	Determination of Vitamin C in Food by HPLC (Modified from Canadian Food Inspection Agency, Longueuil Food Laboratory, LCAQ-001-09)

**MARKETPLACE PRODUCTS-CONSUMER AND BUSINESS**

**Other**

**(Pharmaceuticals and Cosmetics)**

USP <51>	Antimicrobial Effectiveness Testing. [QA-9901-1772]
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Number of Scope Listings: 88

**Notes:**

- AACC:** American Association of Cereal Chemists
- AOAC:** Association of Official Analytical Chemists - Official Methods of Analysis
- AOCS:** Official Methods and Recommended Practices of the AOCS
- ISO/IEC 17025-2005:** General Requirements for the Competence of Testing and Calibration Laboratories
- RG-PT:** SCC Requirements & Guidance - Proficiency Testing for Testing and Medical Laboratories
- CTFA:** Cosmetic, Toiletry, and Fragrances Association
- CMMEF** Compendium of Methods for the Microbiological Examination of Foods
- FSIS** Food Safety and Inspection Services
- HPB SOP:** Health Protection Branch, Standard Operating Procedure
- ISO:** International Organization for Standardization
- MFHPB/MFLP:** Compendium of Analytical Methods, Laboratory Procedures for Microbiological Analysis of Foods, v.2, v.3
- USFDA (1996):** Methods for Microbiological Analysis of Selected Nutrients Published by AOAC
- USP** United States Pharmacopeia





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