

### SCOPE OF ACCREDITATION

# SGS CANADA INC. 6535 Millcreek Drive Unit 62 Mississauga, ON L5N 2M2

Accredited Laboratory No. 641 (Conforms with requirements of ISO/IEC 17025:2005)

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FIELDS OF TESTING: Biological, Chemical/Physical

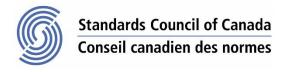
PROGRAM SPECIALTY AREA: Agriculture Inputs, Food, Animal Health and Plant

Protection (PSA-AFAP)

INITIAL ACCREDITATION: 2008-10-24

MOST RECENT ACCREDITATION: 2018-05-14

ACCREDITATION VALID TO: 2020-10-24



## ANIMAL AND PLANTS (AGRICULTURE)

#### Foods and Edible Products: (Human and Animal Consumption)

# (Chemical) QAM -101 Determination of Crude Protein by Combustion Method (modified AOAC 992.15 Crude Protein in Meat and Meat Products including Pet Foods. Combustion Method) **QAM-103** Moisture - by Forced Air Oven (modified AOAC 950.46 Moisture in Meat) Fat – by Acid Hydrolysis (modified AOAC 954.02 Fat (Crude) or Ether Extract **QAM-105** in Pet Food, Gravimetric Method) **QAM-107** Fat – by ANKOM (modified AOCS Am 5.04) QAM -108 Fat – by Filter Bag Technique using Acid Hydrolysis (modified AOCS Am 5.04) **QAM-109** Determination of Ash in Foods (modified AOAC 923.03 Ash of Flour, Direct Method) **QAM-110** Determination of Carbohydrates & Calories by Calculation (modified AOAC 971.10 Caloric Content of Beer) **QAM-111** Determination of Crude Fibre in Foods (modified Ankom AM01-04) **QAM-112** Determination of Total Dietary Fibre in Foods (modified AOAC 991.43 Total, Soluble, and Insoluble Dietary Fiber in Foods, Enzymatic-Gravimetric Method, MES-TRIS Buffer) **QAM-113** Determination of Sodium Chloride (Salt) (modified AOAC 983.14 Chloride in Cheese, Potentiometric Method) **QAM-114** Determination of pH in Foods & Water (modified AOAC 943.02 pH of Flour, Potentiometric Method) Determination of Minerals in Foods (modified AOAC 968.08 Minerals in Animal **QAM-115** Feed and Pet Food, Atomic Absorption Spectrophotometric Method) Determination of Caffeine in Coffee (Modified AOAC 960.25 Caffeine in **QAM-116**

Roasted Coffee, Micro Bailey-Andrew Method)



QAM -118	Determination of Cholesterol in Foods (modified AOAC994.10)	
QAM -119	Determination of Fatty Acids in Foods (modified AOAC 969.33 Fatty Acids in Oils and Fats, Preparation of Methyl Esters, Boron Trifluoride Method and AOAC 963.22 Methyl Esters of Fatty Acids in Oils and Fats. Gas Chromatographic Method)	
QAM -120	Determination of Total Sugars (Fructose, Glucose, Sucrose, Maltose & Lactose) in Foods (modified AOAC 977.20 Separation of Sugars in Honey, Liquid Chromatographic Method & AOAC 982.14 Glucose, Fructose, Sucrose, and Maltose in Presweetened Cereals, Liquid Chromatographic Method)	
QAM -121	Vitamins A & E in Foods and Pet Foods (modified AOAC 992.04 Vitamin A (Retinol Isomers) in Milk and Milk-Based Infant Formulas, Liquid Chromatographic Method)	
QAM -122	Vitamin C in Foods (modified QFCL-001-01/HPLC)	
QAM -128	Gliadin as a Measure of Gluten in Foods Containing Wheat, Rye and Barley	
QAM -129	Ridascreen Fast Milk	
QAM -130	Ridascreen Fast Soya	
QAM – 133	Water Activity Measurement in Foods	
(Microbiological Analysis)		

#### (Microbiological Analysis)

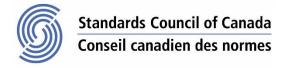
AOAC method 2014.05	Enumeration of Yeast and Mold in Food using 3M™ Petrifilm Rapid Yeast and Mold Count Plate, First Action 2014
AOAC RI # 050902	Real Time PCR Assay for <i>Vibrio cholera/parahaemolyticus/vulnificus</i> , November 2016
AWWA 9215B	Heterotrophic Plate Count in Water (Pour Plate Method)
AWWA 9222B	Standard Total Coliform Membrane Filter Procedure
ISO 21528-1	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 1: Detection of Enterobacteriaceae, June 2017



ISO 21528-2	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae - Part 2: Colony-count technique, June 2017
MFHPB-07	The Isolation of <i>Listeria Monocytogenes</i> and other <i>Listeria</i> spp. from Foods and Environmental Samples using Palcam Broth
MFHPB-10 (Partial)	Isolation of <i>E.coli</i> 0157:H7/NM from Foods and Environmental Surface Samples Except for: 6.8.6-6.8.7
MFHPB-18	Determination of the Aerobic Colony Count in Foods
MFHPB-19	Enumeration of Coliforms, Faecal Coliforms and <i>E.coli</i> in Foods using the MPN Method
MFHPB-20	Isolation and Identification of Salmonella from Foods
MFHPB-21	Enumeration of Staphylococcus aureus in Foods
MFHPB-22	Enumeration of Yeast & Mould in Foods
MFHPB-23	Enumeration of Clostridium perfringens in Foods
MFHPB-30	Isolation of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. from Foods and Environmental Samples
MFHPB-32	Enumeratiom of Yeast and Mould in Food Products and Food Ingredients using 3M™ Petrifilm Yeast and Mould Count Plate
MFHPB-33	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients using 3M™ Petrifilm Aerobic Count Plates
MFHPB-34	Enumeration of <i>Escherichia coli</i> and coliforms in Food Products and Food Ingredients using 3M <sup>™</sup> Petrifilm <sup>™</sup> <i>E.coli</i> Count Plates
MLG 41.04	Isolation and Identification of Campylobacter jejuni/coli/lari from Poultry Rinse, Sponge and Raw Product Samples, May 1, 2016
MLG 41A.00	FSIS Procedure for the Use of a Polymerase Chain Reaction (PCR) Assay for Screening Campylobacter jejuni/coli/lari in Poultry Rinse, Sponge and Raw Product Samples, May 1, 2016



MFLP-09	Enumeration of <i>Enterobacteriaceae</i> Species in Food and Environmental Samples using 3M <sup>™</sup> Petrifilm <sup>™</sup> Enterobacteriaceae Count Plates
MFLP-15	The Detection of <i>Listeria S</i> pecies from Environmental Surfaces using the Dupont Qualicon BAX® System Method and Direct Plating
MFLP-21	Enumeration of <i>Staphylococcus aureus</i> in Foods and Environmental Samples using 3M Petrifilm <i>Staph</i> Express Count (STX) Plates
MFLP-25	Isolation and Identification of Shigella spp from Foods
MFLP-28	The Qualicon Bax <sup>®</sup> System Method for the Detection of <i>Listeria</i> monocytogenes in a Variety of Food
MFLP-29	The Qualicon $Bax^{\circledR}$ System Method for the Detection of $\mathit{Salmonella}$ in Foods and Environmental Surface Samples
MFLP-30	Detection of <i>Escherichia col</i> i 0157:H7 in Select Foods using the BAX® System <i>E.coli</i> 0157:H7 MP
MFLP-33	Detection of Listeria monocytogenes in Foods by the Vidas LMO 2™ Method Only for: Meat and poultry
MFLP-42	Isolation and enumeration of the Bacillus cereus group in foods, May 2011
MFLP-49	Detection of Salmonella spp in Food Products and Environmental Surfaces by the VIDAS®UP Salmonella (SPT) Method Except: Raw milk cheese
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Foods
MFLP-59	Detection of <i>Listeria</i> spp in Food Products and Environmental Surface Samples by the VIDAS® UP Listeria (LPT)
MFLP-77	Detection of <i>Listeria monocytogenes</i> and other <i>Listeria spp</i> in Food Products and Environmental Samples by the VIDAS® <i>Listeria</i> Species Xpress (LSX) Method
MLFP-83	Detection of Verotoxins VT1 and VT2 from Escherichia coli O157:H7/NM by the Merck Duopath® Verotoxin Kit, January 2015
MFLP-98	Detection of <i>E.coli</i> O157:H7 in Food Products by the VIDAS® UP <i>E.coli</i> O157 (including H7) Method



# Notes:

**ISO/IEC 17025:** General Requirements for the Competence of Testing and Calibration

Laboratories.

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**AOAC:** AOAC International, formerly Association of Official Analytical Chemists

**AOCS**: Association of Oil Chemists' Society Methods

**AWWA**: American Water Works Association

**QAM**: Internal laboratory procedure

**MFHPB/MFLP:** Compendium of Analytical Methods, Laboratory Procedures for

Microbiological Analysis of Foods, V.2, V.3

Elias Rafoul, Vice-President Accreditation Services

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Number of Scope Listings: 57

SCC 15792