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SCOPE OF ACCREDITATION

SGS ILC MICRO-CHEM
6535 Millcreek Drive Unit 62
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Accredited Laboratory No. 641
(Conforms with requirements of CAN-P-1587 , CAN-P-4E (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)

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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)

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QAM -103	Moisture - by Forced Air Oven (modified AOAC 950.46 Moisture in Meat)
QAM -105	Fat by Acid Hydrolysis (modified AOAC 954.02 Fat (Crude) or Ether Extract 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)
QAM -115	Determination of Minerals in Foods (modified AOAC 968.08 Minerals in Animal Feed and Pet Food, Atomic Absorption Spectrophotometric Method)
QAM -116	Determination of Caffeine in coffee (Modified AOAC 960.25 Caffeine in Roasted Coffee, Micro Bailey-Andrew Method)
QAM -117	Beta Carotene in Foods (modified AOAC 941.15 Carotene in Fresh Plant Materials and Silages, Spectrophotometric 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

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QAM -129	Ridascreen Fast Milk
QAM -130	Ridascreen Fast Soya

(Microbiological Analysis)

AWWA 9215B	Heterotrophic Plate Count in Water (Pour Plate Method)
AWWA 9222B	Standard Total Coliform Membrane Filter Procedure
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 <i>Salmonella</i> from Foods
MFHPB-21	Enumeration of <i>Staphylococcus aureus</i> in Foods
MFHPB-22	Enumeration of Yeast & Mould 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-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 Petrifilm <i>E. coli</i> Count Plates
MFLP-09	Enumeration of <i>Enterobacteriaceae</i> species in food and environmental samples using 3M Petrifilm <i>Enterobacteriaceae</i> Count Plates
MFLP-21	Enumeration of <i>Staphylococcus Aureus</i> in foods and environmental samples using 3M Petrifilm Staph Express Count (STX) plates
MFLP-28	The Qualicon Bax [®] System method for the detection of <i>Listeria monocytogenes</i> in a variety of food
MFLP-29	The Qualicon Bax [®] System Method for the Detection of <i>Salmonella</i> in a variety of Food and Environmental Samples
MFLP-30	Detection of <i>Escherichia coli</i> 0157:H7 in select foods using the BAX [®] System <i>E. Coli</i> 0157:H7 MP.
MFLP-74	Enumeration of <i>Listeria monocytogenes</i> in Foods

Notes:

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AOAC: Association of Analytical chemists Official Methods

AOCS: Association of Oil Chemists Society Methods

CAN-P-1587: Requirements for the Accreditation of Agriculture Inputs, Food, Animal Health and Plant Protection Testing Laboratories

CAN-P-4E (ISO/CEI 17025:2005): General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

MFHPB/MFLP: Compendium of Analytical Methods, Laboratory Procedures for Microbiological Analysis of Foods, V.2, V.3

Chantal Guay, ing., P. Eng.
Vice President, Accreditation
Services

Date: 2017-06-25

Number of Scope Listings: 40

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Partner File #0

Partner: