

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: **SGS Canada Inc.**

Location Name or Operating as (if applicable): SGS Canada Inc. - Health & Nutrition

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SCC File Number:	15346
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Program Specialty Area:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP)
Initial Accreditation:	2001-02-09
Most Recent Accreditation:	2023-03-06
Accreditation Valid to:	2025-02-09

*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 document issued separately.*

ANIMAL AND PLANTS (AGRICULTURE)

Foods and Edible Products (Human and Animal Consumption):

(Foods and Feeds)

AFVAN-SLMF-0005	Determination of Ash in Food and Feed
AFVAN-SLMF-0006	Determination of Crude Fibre in Animal Feed and Pet Food - Fibertherm Method

AFVAN-SLMF-0010	Determination of Total Fat (expressed as Triglycerides), Saturated, Monounsaturated, Polyunsaturated, and Trans Fat Content in Food and Food Products
AFVAN-SLMF-0011	Determination of Fat and Oil in Feed and Food by Solvent Extraction
AFVAN-SLMF-0012	Determination of Moisture in Food, Meals and Feeds
AFVAN-SLMF-0013	Determination of Vitamin A, E, Beta Carotene and Cholesterol in Feed and Food Samples
AFVAN-SLMF-0014	Determination of Protein by Dumas Method
AFVAN-SLMF-0015	Determination of Protein by Kjeldahl Digestion Method Using FOSS Kjeltec
AFVAN-SLMF-0016	Determination of Salt in Feed and Food By Potentiometric Method Using Autotitrator
AFVAN-SLMF-0017	Determination of Total, Soluble and Insoluble Dietary Fibre in Foods
AFVAN-SLMF-0018	Determination of Total Sugar and Sugar Profile of Food Samples by HPLC with Refractive Index Detector
AFVAN-SLMF-0022	Determination of Trace Elements in Food, Feeds, Meals and Natural Health Products.
AFVAN-SLMF-0025	Determination of Vitamin D in Foods by LCMSMS
AFVAN-SOP-0013	Calculation of Metabolizable Energy in Food products
AFVAN-SOP-0014	Carbohydrate Content of Foods by Calculation

(Foods)

AFVAN-SLMF-0020	Determination of Deoxynivalenol (Vomitoxin or DON) in Cereal Grains and Cereal Products By LC/MS/MS
AFVAN-SLMF-0021	Determination of Ochratoxin A (OTA) in Cereal Grains and Cereal Products By LC/MS/MS
AFVAN-SLMF-0030	Determination of Multi Mycotoxins in Grains and Grain Products By LCMSMS
AFVAN-SLMR-0018	Determination of Alternaria mycotoxins in Food by LCMSMS
AFVAN-SLMR-0019	Determination of Arsenic species in Food by HPLC-ICPMS
AFVAN-SLMR-0033	Determination of Glyphosate Residue in Grains and Grain Products By LCMSMS

AFVAN-SLMR-0063	Determination of Glyphosate in Plant-Origin and Animal-Origin Foods by Derivatization using LCMSMS
AFVAN-SLMR-0080	Determination of Polar Pesticides in Plant-Origin and Animal-Origin Foods by LCMSMS
AFVAN-SLMR-0082	Determination of Diquat and Paraquat in Plant-Origin Foods by LCMSMS
AFVAN-SLMR-0084	Determination of Glyphosate and Related Residues in Fresh Fruit and Vegetable and Meat by LCMSMS

Fruits and Vegetables

AFVAN-SLMR-0025	Determination of Amitraz in Fruits and Vegetables by GCMS
AFVAN-SLMR-0026	Determination of EBDC in Fruits and Vegetables by CS ₂ Evolution and GCMS
AFVAN-SLMR-0027	Determination of EBDC as EDA in Fruits and Vegetables by HPLC
AFVAN-SLMR-0030	Determination of EBDC (ETU) in Fruits and vegetables by LCMSMS
AFVAN-SLMR-0081	Determination of Pesticides in Fruits and Vegetables by QuEChERS using GCMSMS and LCMSMS
AFVAN-SLMR-0083	Determination of Phenoxy (Acidic) Herbicides in Plant-Origin Foods by LCMSMS

Meat and Edible Meat Offal

AFVAN-SLMR-0016	Determination of Macrolides/Lincosamides in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0037	Determination of Bacitracin A in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0038	Determination of Ceftiofur in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0039	Determination of Tetracycline Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0040	Determination of Nitroimidazole Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0041	Determination of Phenicolos in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0042	Determination of Glycosides in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0043	Determination of Fluoroquinolones in Meat and Meat Products by LCMSMS

AFVAN-SLMR-0044	Determination of Tiamulin Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0045	Determination of Nitrofurans in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0046	Determination of Endectocides in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0047	Determination of Penicillins in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0048	Determination of Virginiamycin Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0049	Determination of CP-60, 300 (as Tulathromycin Equivalent) in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0050	Determination of Sulfonamide Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0051	Determination of Carbadox Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0052	Determination of Coccidiostats in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0053	Determination of Benzimidazoles in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0054	Determination of Dipyrone and Related Metabolites in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0056	Determination of Thyreostats in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0057	Determination of Beta Agonists Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0058	Determination of Multi-Class Antibiotics in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0060	Determination of Zeranol, Stilbenes and Related Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0065	Determination of Gestagens in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0068	Determination of NSAIDs, Steroids, Hormones and Tranquilizers Residues in Meat and Meat Products by LCMSMS
AFVAN-SLMR-0070	Determination of Synthetic Pyrethrin Residues in Meat and Meat Products by GCMSMS
AFVAN-SLMR-0071	Determination of Pesticides Residues in Meat and Meat Products by GCMSMS and LCMSMS
AFVAN-SLMR-0072	Determination of Chlorinated Phenols in Meat and Meat Products by GC-MS.

AFVAN-SLMR-0073	Determination of Morantel and Pyrantel Residues in Meat and Meat Products by GCMSMS
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Forestry Products:

Wood Pallets

ISO 16968:2015	Solid Biofuels - Determination of Minor Elements (AFVAN-SLMR-0089) Arsenic, Cadmium, Cobalt, Chromium, Copper, Mercury, Manganese, Molybdenum, Nickel, Lead, Antimony, Vanadium and Zinc
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(Sediment)

AFVAN-SLMR-0079	Determination of Emamectin Benzoate in Sediment by LCMSMS
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Number of Scope Listings: 62

Notes:

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

AFVAN-SLMR, SLMF-####: in-house methods

EBDC : Ethylene Bis Dithiocarbamate

NSAIDs: Nonsteroidal anti-inflammatory drugs

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.

Elias Rafoul
Vice-President, Accreditation Services
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