TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory:	**LACTANET - VALACTA**
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To ensure compliance with the *Official Languages Act*, the Standards Council of Canada (SCC) translated proprietary content from English to French when it was not available in French. In case of discrepancies between the English and French versions, the original version of the method prevails.

SCC File Number:	15156
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological Chemical/Physical
Program Specialty Area:	Agriculture Inputs, Food, Animal Health and Plant Protection (AFAP)
Initial Accreditation:	1992-10-06
Most Recent Accreditation:	2023-07-25
Accreditation Valid to:	2028-10-06

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 document issued separately.

Canada

ANIMAL AND PLANTS (AGRICULTURE)

Unprocessed Milk:

(Infrared Methods (IR))

ISO 9622 / IDF 141	Milk and Liquid Milk Products - Guidelines for the Application of Mid-infrared Spectrometry (Fat, Fatty Acids, Lactose, Protein, Total Solids, beta-Hydroxybutyrate, Freezing Point and Milk Urea Nitrogen)
QCC-001	Milk - Enumeration of Somatic Cells, Fluoro-opto-electronic Counters (modified ISO 13366-2/IDF 148-2)

(Chemistry Methods)

QMQ-024	Determination of Freezing Point in Raw Milk (Cryoscope)
QMR-001	Determination of Fat by Two Extractions Rose Gottlieb Method (modified IDF 1D)
QMR-002	Milk and Milk Products: Sample Preparation for Crude Protein, True Protein and Casein, Determination of Nitrogen Content by Kjeldahl Method and Calculation of Protein Equivalent (modified ISO 8968-1/IDF 20-1, modified ISO 8968-4/FIL 20-4, modified ISO 17997-2/IDF 29-2)
QMR-003	Determination of Lactose by HPLC (modified ISO 22662/IDF 198)
QMR-004	Determination of the solids content or moisture content in milk and dairy products (modified AOAC 990.20 and ISO 6731/IDF 21)
QMR-059	Determination of Urea Content in Milk by Continuous Flow Analyzer (modified Skalar 612-322)

(Microbiology Methods)

QME-051	ELISA Assay for the Detection of Pregnancy using bovine milk samples
QMQ-022	Enumeration of Total Bacteria in Raw Milk (Bactoscan FC method)
QMQ-023	Detection of Antibiotic Residue in Raw Milk by diffusion technique on Agar plat

Other (Dairy Products):

(Chemistry Methods)

QMR-001	Determination of Fat by Two Extractions Rose Gottlieb Method (modified IDF 1D)
QMR-002	Milk and Milk Products: Sample Preparation for Crude Protein, Determination of Nitrogen Content by Kjeldahl Method and Calculation of Protein Equivalent (modified ISO 8968-1/IDF 20-1, modified ISO 8968-4/FIL 20-4, modified ISO 17997-2/IDF 29-2
QMR-003	Determination of Lactose by HPLC (modified ISO 22662/IDF 198)
QMR-004	Determination of the solids content or moisture content in milk and dairy products (modified AOAC 990.20 and ISO 6731/IDF 21)
QMR-089	Salt in Cheese - Modified Mohr Method (SMEDP 15.051 modified)

(Microbiology Methods)

QMM-095	Isolation and Identification of *Salmonella* from Foods and Environmental Samples (MFHPB-20 Health Canada)
QMM-074	Isolation of *Listeria monocytogenes* and other *Listeria* spp. from Foods and Environment Samples (MFHPB-30 Health Canada)
QMM-096	Enumeration of Total Aerobic Bacteria in Food Products and Food Ingredients using 3M™ Petrifilm™ Aerobic Count Plates (MFHPB-33 Health Canada)
QMM-098	Enumeration of *Escherichia coli* and Coliforms in Food Products and Food Ingredients using 3M™ Petrifilm™ *E. coli* Count Plates (MFHPB-34 Health Canada)
QMM-097	Enumeration of *Staphylococcus aureus* in Foods and Environmental Samples using 3M™ Petrifilm™ Staph. Express (STX) Count Plates (MFLP-21 Health Canada)

Number of Scope Listings: 17

Notes:

AOAC: AOAC International, previously Association of Official Analytical Chemists

HPLC: High Performance Liquid Chromatography

IDF: International Dairy Federation

MFHPB: Microbiological Foods Health Protection Branch, Health Canada

MFLP: Microbiological Food Laboratory Procedure, Health Canada

QCC, QME, QMM, QMQ, QMR: Internal laboratory procedures

SMEDP: Standard methods for the examination of dairy products, J.E. Fitts and D. Laird, 17th edition, 2004

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.

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