



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

rtech / LAND O'LAKES  
ANALYTICAL LABORATORY  
4001 Lexington Ave. N.  
Arden Hills, MN 55126  
Mary Pariseau Phone: 651 375 2282

BIOLOGICAL

Valid To: May 31, 2017

Certificate Number: 1765.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements, containing the 2010 "AOAC *International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceuticals*"), accreditation is granted to this laboratory to perform the following tests on food and dairy products:

SOP

Title

Quantitative Microbiology:

05-4-MC003	Amylase Activity
05-4-MC071	Antibiotic <i>Bacillus stearothermophilus</i> Disc Assay
05-4-MC056	Antimicrobial Effectiveness Testing, USP
05-4-MC031	<i>Bacillus cereus</i>
05-4-MC005	Bifidobacteria
05-4-MC007	<i>Clostridium perfringens</i>
05-4-MC008	Coliform MPN
05-4-MC009	Coliform, Petrifilm <sup>®</sup> and VRB (Violet Red Bile Agar)
05-4-MC073	CTFA Preservation Testing of Water Miscible Cosmetic and Toiletry Products
05-4-MC036	<i>Escherichia coli</i> , MPN
05-4-MC012	<i>E. coli</i> , VRB + MUG and Petrifilm <sup>®</sup>
05-4-MC069	<i>E. coli</i> , USP Microbial Limits Test
05-4-MC061	Enterobacteriaceae
05-4-MC035	Enterococci
05-4-MC034	Lactic Acid Bacteria, Heterofermentative
05-4-MC014	Lactic Counts, Ellikers
05-4-MC047	Lactic Count, M17
05-4-MC016	Lactobacillus, MRS and Rogosa Agars
05-4-MC001	Plate Count, Aerobic, Pour plate and Petrifilm <sup>®</sup>
05-4-MC068	Plate Count, Aerobic USP

SOP

Title

Quantitative Microbiology Continued:

05-4-MC001	Plate Count, Anaerobic
05-4-MC001	Plate Count, Psychrophilic
05-4-MC001	Plate Count, Standard
05-4-MC001	Plate Count, Thermoduric
05-4-MC001	Plate Count, Thermophilic
05-4-MC051	Propionibacteria
05-4-MC020	Proteolytic Microorganisms
05-4-MC021	<i>Pseudomonas aeruginosa</i>
05-4-MC037	Spores, Mesophilic, Aerobic and Anaerobic
05-4-MC039	Spores, Thermophilic Flat Sour and Total
05-4-MC052	Spores, Thermophilic, Aerobic
05-4-MC026	<i>Staphylococcus aureus</i> , Direct Plate Count and MPN
05-4-MC070	<i>S. aureus</i> , USP Microbial Limits Test
05-4-MC027	<i>S. aureus</i> , Enterotoxin Detection
05-4-MC028	Yeast and Mold, Rapid Petrifilm (3 day)
05-4-MC068	Yeast and Mold, USP
05-4-MC076	Yeast, Osmophilic

Qualitative Microbiology:

05-4-MC045	<i>E. coli</i> 0157:H7 Confirmation
05-4-MC046	<i>E. coli</i> 0157:H7 Rapid Detection
05-4-MC013	Gram Staining
05-4-MC075	<i>Listeria</i> (BAX)
05-4-MC077	<i>Listeria</i> (BAX) <i>Listeria monocytogenes</i> 24E
05-4-MC079	<i>Listeria</i> Confirmation
05-4-MC040	Microbial Identification
05-4-MC054	RiboPrinter Microbial Characterization
05-4-MC063	<i>Salmonella</i> (BAX)
05-4-MC022	<i>Salmonella</i> Confirmation (FDA-BAM)
05-4-MC072	VITEK 2 Compact Bacterial Identification



## Accredited Laboratory

A2LA has accredited

### RTECH / LAND O'LAKES ANALYTICAL LABORATORY

*St. Paul, MN*

for technical competence in the field of

### Biological Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of any additional program requirements in the field of Biological. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).



Presented this 9<sup>th</sup> day of July 2015.

A handwritten signature in blue ink, appearing to read "J. C. Bunt".

Senior Director of Quality & Communications  
For the Accreditation Council  
Certificate Number 1765.01  
Valid to May 31, 2017  
Revised May 17, 2016

*For the tests to which this accreditation applies, please refer to the laboratory's Biological Scope of Accreditation.*