SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SILLIKER INC.
dba MÉRIEUX NUTRISCIENCES
SPRINGFIELD LABORATORY
2835 N. Oak Grove Avenue
Springfield, MO 65803
Mamatha Whitwell Phone: 817 703 4705

BIOLOGICAL

Valid To: June 30, 2025 Certificate Number: 2552.01

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 2018 *"AOAC International Accreditation Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements and Pharmaceuticals"*), accreditation is granted to this laboratory to perform the following tests on food, dairy, meat, pet food and feed, water, and environmental sponges and swabs:

Quantitative

Test Method Name	In-House Method	Reference Method(s)
Aerobic Plate Count	QA-0015-0201	CMMEF 8.72 FDA BAM Ch. 3 AOAC 966.23
Aerobic Plate Count (Petrifilm™)	QA-0015-0227	AOAC 986.33, 989.10, 990.12 SMEDP 6.040
Aerobic Plate Count (SPC)	QA-0015-0240	SMEDP Ch. 6.020
Bacillus cereus, Presumptive	QA-0065-0800	AOAC 980.31
Coagulase Positive *Staphylococci*	QA-0030-0401	AOAC 975.55 CMMEF 39.64 FDA BAM Ch. 12
Coagulase Positive *Staphylococci* (Petrifilm™)	QA-0030-0403	AOAC 2003.07, 2003.08, 2003.11
Coliforms (MPN)	QA-0020-0301	AOAC 966.24 FDA BAM Ch. 4 SMEDP 7.030
Coliforms (Potable Water- MPN)	NA-NC-M-103	SMEWW 9221B
Coliforms (Rapid *E. coli* 2 Agar)	NA-NC-M-108	AOAC RI 050601
Coliforms (VRB)	QA-0020-0303	FDA BAM Ch. 4 SMEDP 7.040

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8398 | Phone: 301 644 3248 | Fax: 240 454 9449 | www.A2LA.org

Test Method Name	In-House Method	Reference Method(s)
Coliforms (Petrifilm™)	QA-0020-0374	AOAC 986.33, 989.10, 991.14, 998.08 SMEDP 7.070
Enterobacteriaceae	QA-0017-0220	CMMEF Ch. 9.62
Enterobacteriaceae (Petrifilm™)	QA-0017-0210	AOAC 2003.01 CMMEF Ch. 9.63
Escherichia coli (MPN)	QA-0025-0302	AOAC 966.24 FDA BAM Ch. 4
E. coli (Petrifilm™)	QA-0025-0375	AOAC 991.14, 998.08 SMEDP 7.070
E. coli (Potable Water- MPN)	NA-NC-M-103	SMEWW 9221B
E. coli (Rapid *E. coli* 2 Agar)	NA-NC-M-108	AOAC RI 050601
Fecal Coliform (Potable Water- MPN)	NA-NC-M-103	SMEWW 9221B
Heterotrophic Plate Count in Potable Water	QA-0015-0201	SMEWW 9215B 22nd ed.
Thermophilic Spores, Flat Sour and Total	QA-0055-0730	CMMEF Ch. 26.52
Yeast & Mold (Petrifilm™- 5 Day)	QA-0035-0591	AOAC 997.02
Yeast & Mold (Petrifilm™) Rapid	QA-0035-0595	AOAC 2014.05 AFNOR 3M 01/13-07/14
Yeast and Mold	QA-0035-0501	CMMEF Ch. 21.51 FDA BAM Ch. 18 (7th Edition)

Qualitative

Test Method Name	In-House Method	Reference Method(s)
Cronobacter (FDA Cultural Confirmation)	NA-NC-M-010	FDA BAM Ch. 29
Cronobacter spp. GENE-UP® Real-Time PCR	QA-0022-0100	AOAC 2019.01 AOAC RI-081801
E. coli 0157:H7 GENE-UP® Real-Time PCR	QA-0025-0830	AOAC 2019.03 AOAC RI-121805
Listeria monocytogenes - PCR (BAX)	QA-0116-4087	AOAC 2003.12 AOAC RI 070202 USDA MLG 8
L. monocytogenes- Automated BAX Real- Time PCR	QA-0116-4120	AOAC-RI 121402
L. monocytogenes Bio-Rad IQ- Check	QA-0116-4033	AOAC RI 010802
Listeria spp. - PCR (BAX)	QA-0116-4086	AOAC RI 030502
Listeria spp. and *L. monocytogenes* (Cultural Confirmation and Speciation)	QA-0116-4099	FDA BAM Ch. 10
Listeria spp. and *L. monocytogenes* ELFA (VIDAS)	QA-0116-4088	AOAC RI-981202; AOAC 2004.02, 2004.06

Test Method Name	**In-House Method**	**Reference Method(s)**
Listeria spp. and *L. monocytogenes* GENE-UP® Real-Time PCR	QA-0116-4200	AOAC 2019.10, 2019.11, AOAC RI-121803, AOAC RI-121804
Listeria spp. Bio-Rad IQ- Check	QA-0116-4099	AOAC RI 090701
Listeria spp. ELFA (VIDAS UP)	QA-0116-4100	AOAC 2013.10
Listeria spp. PCR Real Time ABAX PCR	QA-0116-4085	AOAC-RI 081401
Salmonella (Cultural Confirmation and Serotyping)	QA-0010-0101	AOAC 967.26 FDA BAM Ch. 5
Salmonella FDA-BAM	QA-0010-0113	FDA BAM Ch. 5
Salmonella Bio-Rad IQ- Check	QA-0010-0300	AOAC 2017.06 AOAC RI 010803
Salmonella ELFA (VIDAS SLM Easy)	QA-0010-0191	AOAC 2011.03
Salmonella ELFA (VIDAS UP)	QA-0010-0190	AOAC 2013.01 AOAC RI-071101
Salmonella ELFA (VIDAS)	QA-0010-0183	AOAC 996.08, 2004.03
Salmonella GENE-UP® Real-Time PCR	QA-0010-0210	AOAC 2020.02 AOAC RI-121802
Salmonella PCR (BAX)	QA-0010-0180	AOAC 2003.09 AOAC RI 100201
Salmonella PCR Real Time ABAX PCR	QA-0010-0185	AOAC 2013.02 AOAC RI 081201
VITEK Confirmation *E. coli*, *Listeria* spp., *L. monocytogenes, Salmonella*	NA-NC-M-109	Biomerieux VITEK

Key:

AOAC	AOAC INTERNATIONAL Official Methods of Analysis
AOAC RI	AOAC INTERNATIONAL Research Institute Performance Tested Methods
CMMEF	Compendium of Methods for the Microbiological Examination of Foods
FDA BAM	Food and Drug Administration Bacteriological Analytical Manual
ISO	International Organization for Standardization
SMEDP	Standard Methods for the Examination of Dairy Products
SMEWW	Standard Methods for the Examination of Water and Wastewater

Accredited Laboratory

A2LA has accredited

SILLIKER INC. DBA MERIEUX NUTRISCIENCES SPRINGFIELD LABORATORY

Springfield, MO

for technical competence in the field of

Biological Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of A2LA *R204 – Specific Requirements – Food and Pharmaceutical Testing Laboratory Accreditation Program*. 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 April 2017*).

Presented this 17th day of July 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2552.01
Valid to June 30, 2025

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