



Accredited Laboratory

A2LA has accredited

MICROBAC LABORATORIES, INC BOULDER DIVISION

Boulder, CO

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 21st day of June 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 410.03
Valid to May 31, 2025

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MICROBAC LABORATORIES, INC
BOULDER DIVISION
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Boulder, CO 80301
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BIOLOGICAL

Valid To: May 31, 2025

Certificate Number: 410.03

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 2018 "AOAC *International 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 a variety of food/feed matrices, cosmetics/toiletries/perfume and environmental sponges and swabs:

| <u>Test</u> | <u>Test Method</u> |
|-------------------------------------|--|
| <u>Quantitative Analyses</u> | |
| Aerobic Plate Count | FDA/BAM Ch. 3 (Plate Method); CMMEF 5 th ed., 8.72 (Plate Method) AOAC 990.12, 989.10, 986.33 (Petrifilm) |
| Coliform Count | AOAC 991.14, 989.10, 986.33 (Petrifilm); SMEDP 17 th ed., 7.070 (Petrifilm) CMMEF 5 th ed., 9.933 (Plate Method) |
| <i>Enterobacteriaceae</i> | CMMEF 5 th ed. 9.631 (Petrifilm) |
| <i>Escherichia coli</i> | AOAC 991.14, 998.08 (Petrifilm); CMMEF 5 th ed., 9.933 (Plate Method) |
| Lactic Acid Bacteria | CMMEF 5 th ed. 19.522 (Plate Method); AOAC PTM 041701 (Petrifilm) |
| <i>Staphylococcus aureus</i> | AOAC 2003.07, 2003.08, 2003.11 (Petrifilm) |
| Yeast and Mold | FDA/BAM Ch. 18 (Plate Method) CMMEF 5 th ed. 21.51(Plate Method); AOAC 997.02 (Petrifilm) |
| Yeast and Mold Rapid | AOAC 2014.05 (Petrifilm) Modified |

| <u>Test</u> | <u>Test Method</u> |
|---|--------------------|
| <u>Qualitative Analyses</u> | |
| <i>E. coli</i> O157:H7 – 3M MDA2 | AOAC 2017.01 |
| <i>E. coli</i> O157:H7 (Bio-Rad IQ-Check) | AOAC PTM #020801 |
| <i>Listeria</i> Confirmation (<i>Listeria</i> spp. & <i>Listeria monocytogenes</i>) | FDA/BAM Ch. 10 |
| <i>Listeria monocytogenes</i> – 3M MDA2 | AOAC 2016.08 |
| <i>Listeria monocytogenes</i> (Bio-Rad IQ-Check) | AOAC PTM #010802 |
| <i>Listeria</i> spp. – 3M MDA2 | AOAC 2016.07 |
| <i>Listeria</i> spp. (Bio-Rad IQ-Check) | AOAC PTM #090701 |
| Potability (Total Coliforms & <i>E. coli</i>) | SM 9223B-2016 |
| <i>Salmonella</i> Confirmation | FDA/BAM Ch. 5 |
| <i>Salmonella</i> spp. – 3M MDA2 | AOAC 2016.01 |
| <i>Salmonella</i> (Bio-Rad IQ-Check) | AOAC OMA 2017.06 |
| <u>Chemical Analysis</u> | |
| Water Activity | AOAC 978.18B (c) |

