



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MICROBAC LABORATORIES, INC
BOULDER DIVISION
4750 Nautilus Court South, Unit C
Boulder, CO 80301
Whitney Griebel Phone: 720 406 4806

BIOLOGICAL

Valid To: May 31, 2023

Certificate Number: 0018.03

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, detergents/soaps, paints/pigments/related surface coatings, dietary supplements, plastics/polymers, building materials, and environmental sponges and swabs:

MATERIALS TESTING

<u>Test</u>	<u>Test Method</u>
Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi	ASTM G21

FOOD TESTING

<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)

<u>Test</u>	<u>Test Method</u>
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>Qualitative Analyses</u>	
<i>E. coli</i> O157:H7 – 3M MDA2	AOAC 2017.01
<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> – VIDAS	AOAC 2013.11
<i>Listeria</i> spp. – 3M MDA2	AOAC 2016.07
<i>Listeria</i> spp. – VIDAS	AOAC 2013.10
Potability (Total Coliforms & <i>E. coli</i>)	SMEWW 23 rd ed. 9223B
<i>Salmonella</i> Confirmation	FDA/BAM Ch. 5
<i>Salmonella</i> spp. – 3M MDA2	AOAC 2016.01
<i>STEC</i> – 3M MDA2	AOAC PTM 071902
<u>Chemical Analysis</u>	
Water Activity	AOAC 978.18B (c)



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 27th day of April, 2021.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0018.03
Valid to May 31, 2023

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