



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MICROBAC LABORATORIES, INC  
BOULDER DIVISION  
4750 Nautilus Court South, Unit C  
Boulder, CO 80301

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BIOLOGICAL

Valid To: May 31, 2023

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, 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>
<b><u>Quantitative Analyses</u></b>	
Aerobic Plate Count	FDA/BAM Ch. 3 (Plate Method); CMMEF 5 <sup>th</sup> 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 <sup>th</sup> ed., 7.070 (Petrifilm) CMMEF 5 <sup>th</sup> ed., 9.933 (Plate Method)
<i>Enterobacteriaceae</i>	CMMEF 5 <sup>th</sup> ed. 9.631 (Petrifilm)
<i>Escherichia coli</i>	AOAC 991.14, 998.08 (Petrifilm); CMMEF 5 <sup>th</sup> ed., 9.933 (Plate Method)
Lactic Acid Bacteria	CMMEF 5 <sup>th</sup> 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 <sup>th</sup> ed. 21.51(Plate Method); AOAC 997.02 (Petrifilm)
Yeast and Mold Rapid	AOAC 2014.05 (Petrifilm) Modified
<b><u>Qualitative Analyses</u></b>	
<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 <sup>rd</sup> 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
<b><u>Chemical Analysis</u></b>	
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 27<sup>th</sup> day of April, 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 410.03  
Valid to May 31, 2023  
Revised September 8, 2022

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