



## Accredited Laboratory

A2LA has accredited

**MICROBAC LABORATORIES, INC.**

Warrendale, PA

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 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 8 January 2009*).



Presented this 28<sup>th</sup> day of February 2017.

A handwritten signature in black ink, appearing to read "L. J. ...", positioned above a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 2413.01  
Valid to December 31, 2018

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MICROBAC LABORATORIES, INC.  
Pittsburgh Division  
100 Marshall Drive  
Warrendale, PA. 15086  
Lauren Zeleny Quality Manager  
Phone: 724-772-0610 Fax: 724-772-1686

BIOLOGICAL

Valid To: December 31, 2018

Certificate Number: 2413.01

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 2015 "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 food, water, wastewater, and pharmaceutical ingredients:

<b><u>Quantitative Tests</u></b>	<b><u>Test Method(s)</u></b>
<i>Bacillus cereus</i>	CMMEF 5 <sup>th</sup> Ch.31; FDA BAM Ch. 14
Coliform/ <i>Escherichia coli</i>	CMMEF 5 <sup>th</sup> Ch. 9; SMEDP 17 <sup>th</sup> 7.071, 7.020; FDA BAM Ch. 4; AOAC 991.14, 998.08 AOAC 996.08 (Coliform)
<i>Clostridium perfringens</i>	CMMEF 5 <sup>th</sup> Ch. 33; FDA BAM Ch. 16
Enterobacteriaceae	CMMEF 5 <sup>th</sup> Ch. 9; AOAC 2003.01
Lactic Acid Bacteria/ <i>Lactobacillus</i>	SMEDP 17 <sup>th</sup> 8.071; CMMEF 5 <sup>th</sup> Ch. 19
Plate Counts (aerobic)	CMMEF 5 <sup>th</sup> Ch. 8; SMEDP 17 <sup>th</sup> 6.020, 9.033, 7.020; FDA BAM Ch.3; AOAC 990.12
Mesophilic Aerobic Spores	CMMEF 5 <sup>th</sup> Ch. 23
<i>Staphylococcus aureus</i>	CMMEF 5 <sup>th</sup> Ch. 39; FDA BAM Ch. 12
Yeast / Mold	CMMEF 5 <sup>th</sup> Ch. 21; FDA BAM Ch. 18; AOAC 2002.11

<b><u>Quantitative Tests</u></b>	<b><u>Test Method(s)</u></b>
Microbiological Examination of NonSterile Products: <i>Pseudomonas aeruginosa</i> , <i>E. coli</i> , <i>Candida albicans</i> , and <i>S. aureus</i>	USP 62
<b><u>Qualitative Tests</u></b>	<b><u>Test Method(s)</u></b>
<i>E. coli</i> O157:H7 3M MDS2	AOAC 2017.01
<i>Listeria</i> spp. 3M MDS2 BAX VIDAS Confirmation	AOAC 2016.07 AOAC-RI 081401 AOAC 2013.10 FDA BAM Ch. 10
<i>Listeria monocytogenes</i> VIDAS BAX	AOAC 2013.11 AOAC RI 121402
<i>Salmonella</i> BAX 3M MDS2 VIDAS Confirmation	AOAC 2013.02 AOAC 2016.01 AOAC 2013.01 FDA BAM Ch. 5
<i>Clostridium</i> spp.	CMMEF 5 <sup>th</sup> Ch. 32 (modified), Ch.33 (modified)

