



Accredited Laboratory

A2LA has accredited

MICROBAC LABORATORIES, INC. KNOXVILLE DIVISION

Maryville, TN

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 26th day of May 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3131.01
Valid to May 31, 2019

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. - KNOXVILLE DIVISION
 505 East Broadway Ave.
 Maryville, TN 37804
 LeAnne Burns Phone: 865 977 1200

BIOLOGICAL

Valid To: May 31, 2019

Certificate Number: 3131.01

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 or types of tests on: food products, feeds, food additives, unknown biological samples, drinking waters, wastewater, ground water and surface waters:

<u>Test</u>	<u>Test Method(s)</u>
Aerobic Plate Counts – Petrifilm	AOAC 990.12
<i>Campylobacter</i>	USDA MLG 41.03
Coliforms, Total and <i>Escherichia coli</i> – Petrifilm	AOAC 991.14
<i>E. coli</i> O157:H7 – BAX	AOAC 031002
<i>E. coli</i> O157:H7 – BAX Confirmation	USDA MLG 5.09
<i>E. coli</i> O157:H7 – PCR and STEC	AOAC 2005.04
<i>E. coli</i> O157:H7 – 3M-MDS	AOAC 2017.01
Enterobacteriaceae – Petrifilm	AOAC 2003.01
<i>Listeria</i> – 3M-MDS	AOAC 2014.06, 2016.07
<i>Listeria</i> – Plate	USDA MLG 8.09
<i>Listeria</i> sp. – Confirmation	USDA MLG 8.09
<i>Listeria</i> sp. & <i>Listera Monocytogenes</i> – Confirmation	AOAC RI 060402, RI 030406
<i>L. monocytogenes</i> – 3M-MDS	AOAC 2014.07, 2016.08

(A2LA Cert No. 3131.01) Revised 03/02/2018

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Test

L. monocytogenes – Confirmation

Salmonella – 3M-MDS

Salmonella – BAX

Salmonella – Confirmation

Salmonella / PCR

Salmonella – Petrifilm

Standard (Aerobic) – Plate Count/Plate

Staphylococcus aureus – Petrifilm

Yeast and Mold – Pour Plate

Test Method(s)

USDA MLG 8.09

AOAC 2013.09, 2016.01

AOAC 2013.02

FDA/BAM, Ch. 5 (8th ed.);
USDA/FSIS MLG 4.09

AOAC 2003.09

AOAC 2014.01

FDA/BAM, Ch. 3 (8th ed.)

AOAC 2003.07, 2003.08, 2003.11

CMMEF 21.51 (5th ed.)

CHEMICAL**Test**

Ash

Fat

Food Metals (Ca, Fe, K, Mg & Na)

% Moisture

pH

Salt

Water Activity

Test Method

AOAC 923.03

AOAC 960.39

AOAC 2011.14

AOAC 950.46

AOAC 981.12

AOAC 971.19

CMMEF 68.1 (5th ed.)

