



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL ANALYTICAL, INC.
3029 S Jefferson Ave
Saint Louis, MO 63118
Bulbul Jain Phone: 314-577-0150

BIOLOGICAL

Valid To: April 30, 2018

Certificate Number: 2845.10

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 2010 "AOAC International Accreditation Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Foods and Pharmaceutical"), accreditation is granted to this laboratory to perform the following tests on food products, feeds, food additives, beverages, and environmental samples:

<u>Test</u>	<u>Test Method(s)</u>	<u>SOP</u>
Aerobic Plate Count – Petrifilm	AOAC 990.12	F102
Aerobic Plate Count – Pour Plate	FDA/BAM Ch.3	F102.1
Enterobacteriaceae – Petrifilm	AOAC 2003.01	F111
<i>Escherichia coli</i> O157 – Lateral Flow Device	AOAC: 2000.13, 2001.14	F108
<i>E. coli</i> O157 – Confirmation	FDA BAM Ch. 4A: R, Q a-b	F108
<i>Listeria</i> – ELFA	AOAC 2013.10	F107.A
<i>Listeria</i> – Confirmation with Speciation	FDA BAM Ch. 10 (Modified)	F107.A
<i>Salmonella</i> – ELFA	AOAC: 2011.03 AOAC 2013.01	F106.A
<i>Salmonella</i> – Confirmation	FDA BAM Ch. 5 (Modified)	F106
<i>Staphylococcus aureus</i> – Petrifilm	AOAC: 2003.07, 2003.08, 2003.11	F105
Total Coliform / <i>E. coli</i> – Petrifilm	AOAC: 991.14, 998.08	F104
Total Coliform / <i>E. coli</i> – VRBA	FDA/BAM Chapter 4	F104.1
Yeast and Mold – Petrifilm	AOAC 997.02	F103

(A2LA Cert. No. 2845.10) 03/08/2016

Page 1 of 2

ENVIRONMENTAL

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the 2009 NELAC Standard), accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

ENVIRONMENTAL MICROBIOLOGY	
Test	Test Method(s)
Fungal – Direct Examination (Bulk)	EMSL M041 – Standard Operating Procedure for the Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, Pollen, Insect Fragments, and Fibrous Material from Surface Samples
Fungal – Direct Examination (Surface)	EMSL M041 – Standard Operating Procedure for the Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, Pollen, Insect Fragments, and Fibrous Material from Surface Samples
AIR MATRIX	
Test	Test Method(s)
Fungal – Direct Examination (Air)	EMSL 05-TP-003.5 – Standard Operating Procedure for the Analysis of Airborne Fungal Spores, Hyphal Fragments, Pollen, Insect Fragments, Skin Fragments and Fibrous Particulate by Optical Microscopy of Spore Trap Samples





Accredited Laboratory

A2LA has accredited

EMSL ANALYTICAL, INC.

Saint Louis, MO

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 any additional program requirements in the Biological field. 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 8th day of March 2016.

A handwritten signature in blue ink, appearing to read 'John C. Burt', written over a horizontal line.

Senior Director of Quality and Communications
For the Accreditation Council
Certificate Number 2845.10
Valid to April 30, 2018

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