



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 17025:2017 *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 20th day of April 2020.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2845.10
Valid to April 30, 2022

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL ANALYTICAL, INC.
100 Green Park Industrial Court
Saint Louis, MO 63123
Amber Stegmann Phone: 314-577-0150

BIOLOGICAL

Valid To: April 30, 2022

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 2018 "AOAC International Accreditation Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Foods Dietary Supplements and Pharmaceuticals"), 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</u>	<u>SOP</u>
Aerobic Plate Count – Petrifilm	AOAC 990.12	FMB-SOP-102
Aerobic Plate Count – Pour Plate	FDA/BAM Ch. 3	FMB-SOP-102.1
<i>Bacillus cereus</i>	FDA/BAM Ch. 14	FMB-SOP-121
<i>B. cereus</i> – Confirmation	FDA/BAM Ch. 14	FMB-SOP-121
<i>Campylobacter</i> – ELFA VIDAS	AOAC RI 051201	FMB-SOP-112
<i>Clostridium perfringens</i> – Confirmation	CMMEF 5 th Ed. Ch. 33	FMB-SOP-155
Enterobacteriaceae – Petrifilm	AOAC 2003.01	FMB-SOP-111
<i>Escherichia coli</i> O157:H7 – BAX System	AOAC RI 031002	FMB-SOP-189
<i>E. coli</i> O157:H7 – Confirmation	FDA BAM Ch. 4A: R, Q a-b	FMB-SOP-108B
<i>E. coli</i> O157:H7 – ELFA	AOAC – RI Cert# 060903	FMB-SOP-108B
Lactic Acid Bacteria – Petrifilm	CMMEF 5 th Ed. Ch.19	FMB-SOP-123A
Lactic Acid Bacteria – Pour Plate	CMMEF 5 th Ed. Ch. 19	FMB-SOP-230
<i>Listeria</i> Genus – BAX System	AOAC RI 081401	FMB-SOP-187

Test	Test Method	SOP
<i>Listeria</i> – Confirmation with Speciation	FDA BAM Ch. 10 (Modified)	FMB-SOP-107A
<i>Listeria</i> – ELFA	AOAC 2013.10	FMB-SOP-107A
<i>Salmonella</i> – BAX System	AOAC 2013.02, AOAC RI	FMB-SOP-190
<i>Salmonella</i> – Confirmation	FDA BAM Ch. 5 (Modified)	FMB-SOP-106A
<i>Salmonella</i> – ELFA	AOAC 2011.03,2013.01	FMB-SOP-106A
<i>Staphylococcus aureus</i> – Baird Parker	FDA/BAM Ch. 12	FMB-SOP-105.1
<i>S. aureus</i> – Petrifilm	AOAC 2003.07, 2003.08, 2003.11	FMB-SOP-105
Total Coliform / <i>E. coli</i> – MPN	FDA/BAM Ch. 4	FMB-SOP-104A
Total Coliform / <i>E. coli</i> – Petrifilm	AOAC 991.14, 998.08	FMB-SOP-104E
Total Coliform / <i>E. coli</i> – VRBA	FDA/BAM Ch. 4	FMB-SOP-104A
Yeast and Mold – Osmophilic	CMMEF 5 th Ed. Ch. 17	FMB-SOP-103.2
Yeast and Mold – Petrifilm	AOAC 997.02	FMB-SOP-103
Yeast and Mold – Pour Plate	FDA/BAM Online Ch. 18	FMB-SOP-103.2
Yeast and Mold – Rapid Petrifilm	AOAC 2014.05	FMB-SOP-103

ENVIRONMENTAL MICROBIOLOGY	
Test	Test Method
Fungal – Direct Examination (Bulk)	MICRO-SOP-200 – 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)	MICRO-SOP-200 – 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
Fungal – Direct Examination (Air)	MICRO-SOP-201 – 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