



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

A&B ENVIRONMENTAL SERVICES, INC.
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BIOLOGICAL

Valid To: May 31, 2018

Certificate Number: 3578.01

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 2010 "AOAC International Accreditation Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on water, environmental sponges, environmental swabs, and food products:

<u>Test</u>	<u>Test Technology</u>	<u>Test Method</u>	<u>Reference</u>
Aerobic Plate Count	Petrifilm	SOP 160	AOAC 990.12
Aerobic Plate Count	Rapid Petrifilm	SOP 193	AOAC 2015.13
Cronobacter	bioMerieuxChrom ID	SOP 171	BAM Ch. 29
Enterobacteriaceae	Petrifilm	SOP 167	CMMEF, Ch. 8 (4 th Ed.) AOAC 2003.01
<i>Escherichia coli</i>	Compact Dry	SOP 192	AOAC RI 110402
<i>E. coli</i> O157:H7	Lateral Flow with Cultural Confirmation Using ChromID or SMAC-CT and HardyChrom	SOP 085	AOAC RI 070801
<i>E. coli</i> O157:H7	PCR	SOP 188	AOAC RI 020801
Lactic Acid Bacteria	Petrifilm	SOP 168	AOAC 990.12m
<i>Listeria</i> (Environmental)	Petrifilm	SOP 185	AOAC RI 030601
<i>Listeria monocytogenes</i>	Lateral Flow with Cultural Confirmation using ALOA Agar	SOP 088 SOP 161	AOAC RI 020401, AOAC RI 101102
<i>Listeria monocytogenes</i>	PCR	SOP 190	AOAC RI 010802
<i>Listeria</i> spp.	Lateral Flow with Cultural Confirmation Using Modified Oxford Media	SOP 088 SOP 161	AOAC RI 020401, AOAC RI 101102

<u>Test</u>	<u>Test Technology</u>	<u>Test Method</u>	<u>Reference</u>
<i>Listeria</i> spp.	PCR	SOP 190	AOAC RI 090701
<i>Salmonella</i> spp.	Lateral Flow with Cultural Confirmation Using ChromID or HardyChrom	SOP 089	AOAC RI 080601
<i>Salmonella</i> spp.	PCR	SOP 189	AOAC RI 010803
Shiga-toxin <i>E. coli</i> (STEC)	PCR	SOP 194	AOAC RI 121203
<i>Staphylococcus aureus</i>	Petrifilm	SOP 169	AOAC 2003.07, AOAC 2003.08, AOAC 2003.11
Total Coliform	Compact Dry	SOP 192	AOAC RI 110401
Total Coliform / <i>E. coli</i>	Petrifilm	SOP 159	AOAC 991.14
Total Coliform / <i>E. coli</i>	Colilert	SOP 051	SM9223B
Yeast / Mold	Petrifilm	SOP 165	AOAC 997.02
Yeast / Mold	Rapid Petrifilm	SOP 191	AOAC 2014.05

Key:

BAM: Bacteriological Analytical Manual

CMMEF: Compendium of Methods for the Microbiological Examination of Food

SM: Standard Methods for the Examination of Water and Wastewater





Accredited Laboratory

A2LA has accredited

A&B ENVIRONMENTAL SERVICES, INC

Houston, TX

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 4th day of March 2016.

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

President and CEO
For the Accreditation Council
Certificate Number 3578.01
Valid to May 31, 2018
Revised March 22, 2018

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