



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Environmental Safety Technologies, Inc.
1815 Brownsboro Rd., Suite 200
Louisville, KY 40206

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 21 December 2023

Certificate Number: AT-3053



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Environmental Safety Technologies, Inc.

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Louisville, KY 40206

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TESTING

Valid to: **December 21, 2023**

Certificate Number: **AT-3053**

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<i>Legionella</i> Culture: <i>Legionella pneumophila</i> SG1, <i>Legionella pneumophila</i> SG2-14, & <i>Legionella</i> non-pneumophila species	EST-LM-01 (Culture) EST-LM-02 (Confirmation) References CDC Elite Procedure for the Recovery of <i>Legionella</i> from the Environment (2005) and ISO 11731:2017(E)	Viable Air Impaction, Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Potable Water Sample Membrane Filtration & Culture on BCYE & GVPC Selective Agar. Non-Potable Water Culture on GVPC Selective Agar. Potable & Non-Potable Acid Treatment. <i>Legionella</i> Count & Latex Agglutination Confirmation
<i>Legionella pneumophila</i> SG1 & SG2-15 vPCR	EST-LM-03	Bulk Liquid/Water	PCR System
Bacteria Count - Aerobic	EST-LM-04 References Standard Methods 9215C Spread Plate Method	Viable Air Impaction, Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Standard Methods Agar Culture & Colony Count
Bacteria Count - Anaerobic	EST-LM-04 References Standard Methods 9215C Spread Plate Method	Viable Air Impaction, Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Standard Methods Agar Culture & Colony Count

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Bacteria Count - Aerobic	EST-LM-04 References IEHMB073.06	Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Microfilm™ APC Colony Count
Bacteria Characterization <ul style="list-style-type: none"> • Bacillus-like • Corynebacterium-like • Enterococcus-like • Micrococcus-like • Non-spore forming Gram positive rod • <i>Staphylococcus aureus</i> • <i>Staphylococcus non-aureus</i> • Streptococcus-like • Enteric Gram negative • Non-enteric gram negative • Filamentous bacteria 	EST-LM-05	Viable Air Impaction, Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Culture, Gram Stain, Acid Fast Stain, Biochemical Workup
Enterobacteriaceae/ <i>Escherichia coli</i> (<i>E. coli</i>)	EST-LM-06 References IEHMB 219.04	Swabs, Bulk Liquid/Water	Microfilm™ EBEC Colony Count
Total Coliform/ <i>Escherichia coli</i> (<i>E. coli</i>)	EST-LM-06 References IEHMB 072.04	Swabs, Bulk Liquid/Water	Microfilm™ TCEC Colony Count
Listeria	EST-LM-06	Swabs, Bulk Liquid/Water	PDX-LIB™ Broth Presence/Absence
<i>Salmonella</i>	EST-LM-06	Swabs, Bulk Liquid/Water	PDX-SIB™ Broth Presence/Absence

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Bacteria Pathogen Screens <ul style="list-style-type: none"> • <i>Acinetobacter baumannii</i> • <i>Burkholderia cepacia</i> • <i>Pseudomonas aeruginosa</i> • <i>Staphylococcus aureus</i> • <i>Stenotrophomonas maltophilia</i> • <i>Serratia</i> • NTM Mycobacteria 	EST-LM-06	Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Culture by Selective Agars & Biochemical Workup, Colony Count
Fungal Mold & Yeast Count Only	EST-LM-06 References IEH MB 074.03	Swabs, Bulk Liquid/Water	Microfilm™ YMC Colony Count
Fungal Mold & Yeast Count Only	EST-LM-08	Viable Air Impaction, Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Culture & Colony Count
Fungal Mold Count with Genus Identification & <i>Aspergillus</i> speciation <ul style="list-style-type: none"> • <i>alliaceus</i> • <i>amstelodami</i> • <i>candidus</i> • <i>clavatus</i> • <i>flavus</i> • <i>fumigatus</i> • <i>glaucus</i> • <i>nidulans</i> • <i>niger</i> • <i>oryzae</i> • <i>parasiticus</i> • <i>penicillioides</i> • <i>restrictus</i> • <i>sydowii</i> • <i>terreus</i> • <i>ustus</i> • <i>versicolor</i> • <i>wentii</i> 	EST-LM-08	Viable Air Impaction, Swabs, Bulk Liquid/Water, & Bulk-Solid Samples	Culture & Colony Count

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<i>Candida</i> species Screen <ul style="list-style-type: none"> <i>Candida</i> species <i>Candida auris</i> 	EST-LM-06	Swabs, Bulk Liquid/Water, Samples	Chromogenic Agar Culture, ID & Colony Count
Fungal Surface Direct Exam	EST-LM-07	Tape Lift from Surface Swab Samples	Non-viable Fungal Spore ID & Detection Quantity

Note:

- This scope is formatted as part of a single document including Certificate of Accreditation No. AT-3053.



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