



## AIHA Laboratory Accreditation Programs, LLC

### SCOPE OF ACCREDITATION

**Aerotech Laboratories, Inc.**  
 1501 West Knudsen Drive, Phoenix, AZ 85027

Laboratory ID: 102297  
 Issue Date: 03/01/2010

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Environmental Microbiology laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

#### Environmental Microbiology Laboratory Accreditation Program (EMLAP)

**Initial Accreditation Date: 12/01/2001**

EMLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Fungal</b>	<b>Air - Culturable</b>	SOP I100002	Preparation and Analysis of Air Samples for Culturable Fungi
		SOP I100007	Preparation of Via-cell samples for nonviable and viable fungal analysis
	<b>Bulk - Culturable</b>	SOP I100001	Analysis of Dust, Swab, Water and Bulk Samples for Culturable Fungi
		SOP I100004	Preparation of Bulk, Dust/Soil, Swab/Wipe and Water/Liquid Samples for Quantitative Fungal and/or Bacterial Analysis
	<b>Surface - Culturable</b>	SOP I100001	Analysis of Dust, Swab, Water and Bulk Samples for Culturable Fungi
		SOP I100004	Preparation of Bulk, Dust/Soil, Swab/Wipe and Water/Liquid Samples for Quantitative Fungal and/or Bacterial Analysis

<b>EMLAP Category</b>	<b>Field of Testing (FoT)</b>	<b>Method</b>	<b>Method Description</b> <i>(for internal methods only)</i>
<b>Fungal</b>	<b>Air - Direct Examination</b>	SOP I100000	Preparation and Analysis of Spore Trap (Air) Samples for Fungal Spores, Other Biological and Non-Biological Particles
		SOP I100007	Preparation of Via-cell samples for nonviable and viable fungal analysis
	<b>Bulk - Direct Examination</b>	SOP I100005	Preparation and Analysis of Tape, Swab, Wipe, Bulk and Dust-Soil Samples for Qualitative Direct Microscopic Exam
		SOP I100006	Preparation and Analysis of Tape, Swab, Wipe, Bulk and Dust-Soil Samples for Quantitative Direct Microscopic Exam
	<b>Surface - Direct Examination</b>	SOP I100005	Preparation and Analysis of Tape, Swab, Wipe, Bulk and Dust-Soil Samples for Qualitative Direct Microscopic Exam
		SOP I100006	Preparation and Analysis of Tape, Swab, Wipe, Bulk and Dust-Soil Samples for Quantitative Direct Microscopic Exam
<b>Bacterial</b>	<b>Air - Culturable</b>	SOP I100015	Enumeration and Gram Stain Identification of Aerobic Bacteria in Air
		SOP I100017	Enumeration of Thermophilic Actinomycetes in Air
		SOP I100019	Bacteria, air-Total counts, Gram negative counts and paragraph
	<b>Bulk - Culturable</b>	SOP I100004	Preparation of Bulk, Dust/Soil, Swab/Wipe and Water/Liquid Samples for Quantitative Fungal and/or Bacterial Analysis



<b>EMLAP Category</b>	<b>Field of Testing (FoT)</b>	<b>Method</b>	<b>Method Description</b> <i>(for internal methods only)</i>
<b>Bacterial</b>	<b>Bulk - Culturable</b>	SOP I100012	Enumeration and Gram Stain Identification of Aerobic Bacteria and Thermophilic Actinomycetes in Contact Plates, Swab, Bulk, CarpetChek and Water Samples
		SOP I100035	Detection and Enumeration of Legionella Bacteria
	<b>Surface - Culturable</b>	SOP I100004	Preparation of Bulk, Dust/Soil, Swab/Wipe and Water/Liquid Samples for Quantitative Fungal and/or Bacterial Analysis
		SOP I100012	Enumeration and Gram Stain Identification of Aerobic Bacteria and Thermophilic Actinomycetes in Contact Plates, Swab, Bulk, CarpetChek and Water Samples

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- √ Fungal Culturable
- √ Bacterial Culturable
- √ Fungal Direct Examination



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

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has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC thereby conforming to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories*. The above named laboratory, along with all premises from which key activities are performed, as listed above, have been accredited by AIHA-LAP, LLC in the following:

#### **LABORATORY ACCREDITATION PROGRAMS**

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> INDUSTRIAL HYGIENE                    | Accreditation Expires:            |
| <input type="checkbox"/> ENVIRONMENTAL LEAD                    | Accreditation Expires:            |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: 03/01/2012 |
| <input type="checkbox"/> FOOD                                  | Accreditation Expires:            |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current scope of accreditation.

*Dave Sandusky, CIH*  
*Chairperson, Analytical Accreditation Board*

Date Issued: 03/01/2010