



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Environmental Microbiology Laboratory, Inc.

1150 Bayhill Drive, Suite 100, San Bruno, CA 94066

Laboratory ID: 102856

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:

ACCREDITATION PROGRAMS

- | | |
|--|----------------------------------|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: 10/1/2011 |
| <input type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: 10/1/2011 |
| <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 LQAP requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA website for the most current status of the scope of accreditation.

Pamela A. Kostle

Pamela A. Kostle, CIH
Chairperson, Analytical Accreditation Board

Date Issued: 10/1/2009



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

Environmental Microbiology Laboratory, Inc.
1150 Bayhill Dr. Suite 100 San Bruno, CA 94066

Laboratory ID: **102856**
Issue Date: 10/01/2009

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 Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 04/01/2007

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	Phase Contrast Microscopy (PCM)	NIOSH 7400A and B Rules	
		SOP 100203 (OSHA with TWA's)	

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

- | | |
|--|--|
| <input type="checkbox"/> Metals*
<input type="checkbox"/> Silica*
<input checked="" type="checkbox"/> Asbestos*
<input type="checkbox"/> Bulk Asbestos*
<input type="checkbox"/> Beryllium*
<input type="checkbox"/> WASP ¹ (Thermal Desorption Tubes)
<input type="checkbox"/> Pharmaceutical Round Robin
<input type="checkbox"/> Compressed/Breathing Air Round Robin
<input type="checkbox"/> NVLAP (determined at the time of site assessment) | <input type="checkbox"/> Organic Solvents*
<input type="checkbox"/> Diffusive Sampler (3M)*
<input type="checkbox"/> Diffusive Sampler (SKC)*
<input type="checkbox"/> Diffusive Sampler (AT)*
<input type="checkbox"/> WASP ¹ (Formaldehyde) |
|--|--|

¹ Workplace Analytical Scheme for Proficiency



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Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 08/01/2002

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

Effective: February 28, 2006

Scope_EMLAP_R4

Author: Kris Heinbaugh

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Laboratory Accreditation Programs, LLC

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



EMLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Bacterial	Bulk – Culturable	SOP I100012 (Enumeration and Gram Stain Identification)	Enumeration and Gram Stain Identification of Aerobic Bacteria and Thermophilic Actinomycetes in Contact Plates, Swab, Bulk, CarpetChek and Water Samples
		SOP I100135 (Detection and Enumeration of Legionella Bacteria)	Detection and Enumeration of Legionella Bacteria
	Surface – Culturable	SOP I100004 (Preparation of Bulk, Dust/Soil, Swab/Wipe, and Water/Liquid Samples)	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)	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 proficiency testing programs:

- ✓Fungal Culturable
- ✓Bacterial Culturable
- ✓Fungal Direct Examination



September 28, 2009

Laboratory ID: 102856

Mike Madry
Environmental Microbiology Laboratory, Inc.
1150 Bayhill Dr., Suite 100
San Bruno, CA 94066

Dear Mr. Madry:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Environmental Microbiology Laboratory, Inc. as an accredited Industrial Hygiene and Environmental Microbiology laboratory.

Enclosed, please find the IHLAP and EMLAP accreditation certificate, scope of accreditation document and a copy of the current AIHA-LAP, LLC license agreement (if your completed agreement is not on file at AIHA-LAP, LLC). The accreditation logo has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the logo in its advertising the laboratory's accreditation, you must complete and return the AIHA-LAP, LLC license agreement to a Laboratory Accreditation Specialist. Once submitted, an electronic copy of the accreditation logo will be sent to you. Please inform us if your laboratory does not wish to use the logo in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP and EMLAP requirements (*see Policy Modules 2B, 2D, 6B, and 6D*), which includes proficient participation in the IHPAT and EMPAT or other AIHA LAP, LLC- approved proficiency programs for all Fields of Testing (FoTs) for which the laboratory is accredited. An accredited laboratory that wishes to expand into a new FoT must submit an updated accreditation application to AIHA-LAP, LLC for review by the AAB.

Any changes in ownership, laboratory location, personnel, FoTs/Methods, or significant procedural changes shall be reported to AIHA-LAP, LLC in writing within twenty (20) business days of the change.

The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us should your laboratory withdraw or be removed from the IHLAP and EMLAP.

Again, congratulations. If you have any questions, please contact Heather I. Thompson, Laboratory Accreditation Specialist, at (703) 846-0716.

Sincerely,

A handwritten signature in black ink that reads 'Cheryl O. Morton'. The signature is written in a cursive, flowing style.

Cheryl O. Morton
Director,
AIHA Affiliate Laboratory Programs
Enclosure