



November 30, 2018

Laboratory ID: 101762

Steve Takahashi  
Forensic Analytical Laboratories, Inc.  
3777 Depot Road, Suite 409  
Hayward, CA 94545

Dear Mr. Takahashi:

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

Attached, please find the IHLAP, ELLAP, EMLAP and Unique Scopes 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 symbol has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the symbol 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 symbol will be sent to you.

At the close of your site assessment, your site assessor recommended a surveillance visit between six and twelve months after accreditation to address the items outstanding from site assessment. This recommendation was approved by the AAB. Your laboratory was assessed and accredited to ISO/IEC17025:2005. Please see AIHA LAP Policy 3.5.10 on surveillance visits.

Laboratory accreditation shall be maintained by continued compliance with IHLAP, ELLAP, EMLAP and Unique Scopes requirements (see Policy Modules 2B, 2C, 2D, 2E and 6), which includes proficient participation in all demonstrations of proficiency 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, ELLAP, EMLAP and Unique Scopes.

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

Sincerely,

Cheryl O. Morton  
Managing Director



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

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

#### **LABORATORY ACCREDITATION PROGRAMS**

- |                                      |  |
|--------------------------------------|--|
| ✓ <b>INDUSTRIAL HYGIENE</b>          | Accreditation Expires: December 01, 2020 |
| ✓ <b>ENVIRONMENTAL LEAD</b>          | Accreditation Expires: December 01, 2020 |
| ✓ <b>ENVIRONMENTAL MICROBIOLOGY</b>  | Accreditation Expires: December 01, 2020 |
| <input type="checkbox"/> <b>FOOD</b> | Accreditation Expires:                   |
| ✓ <b>UNIQUE SCOPES</b>               | Accreditation Expires: December 01, 2020 |

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 ISO/IEC 17025:2005 and 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.

*Elizabeth Bair*

Elizabeth Bair  
Chairperson, Analytical Accreditation Board

*Cheryl O. Morton*

Cheryl O. Morton  
Managing Director, AIHA Laboratory Accreditation Programs, LLC



# AIHA Laboratory Accreditation Programs, LLC

## SCOPE OF ACCREDITATION

**Forensic Analytical Laboratories, Inc.**  
 3777 Depot Road, Suite 409, Hayward, CA 94545

Laboratory ID: **101762**  
 Issue Date: 12/11/2018

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 withdrawal of accreditation.

### Industrial Hygiene Laboratory Accreditation Program (IHLAP)

**Initial Accreditation Date: 03/01/1990**

| IHLAP Scope Category                  | Field of Testing (FoT)<br>(FoTs cover all relevant IH matrices) | Technology sub-type/<br>Detector | Published Reference Method/<br>Title of In-house Method | Method Description or Analyte<br><i>(for internal methods only)</i> |
|---------------------------------------|---|----------------------------------|---|---|
| <b>Chromatography Core</b>            | Ion Chromatography (IC)   |                                  | OSHA ID 215   |   |
| <b>Spectrometry Core</b>              | Atomic Absorption   | CVAA                             | NIOSH 6009  |   |
|                                       |   |                                  | OSHA ID-140   |   |
|                                       |   |                                  | OSHA ID-145   |   |
|                                       |   | FAA                              | NIOSH 7082  |   |
|                                       |   |                                  | OSHA ID-121   |   |
|                                       |   |                                  | NIOSH 7105  |   |
|                                       | Inductively-Coupled Plasma                                      | ICP/AES                          | NIOSH 7303  |   |
|                                       |   |                                  | OSHA ID 125G (Modified)                                 |   |
|                                       | Infrared  |                                  | ASTM D7948  |   |
|                                       |   |                                  | NIOSH 7602  |   |
| NIOSH 7603                            |   |                                  |   |   |
| <b>Asbestos/Fiber Microscopy Core</b> | Polarized Light Microscopy (PLM)                                |                                  | EPA/600/M4-82-020, 1982                                 |   |
|                                       |   |                                  | EPA/600/R-93/116, July 1993                             |   |
|                                       | Phase Contrast Microscopy (PCM)                                 |                                  | NIOSH 7400  |   |
|                                       | Transmission Electron Microscopy (TEM)                          |                                  | EPA 600/R-93/116  | SOP TEM 301   |
|                                       |   |                                  | EPA 600/R-93/116  | SOP TEM 300   |
|                                       |   |                                  | EPA 600/R-93/116  | SOP TEM 302   |
|                                       |   |                                  | EPA 600/R-93/116  | SOP TEM 303   |



| <b>IHLAP Scope Category</b>           | <b>Field of Testing (FoT)</b><br>(FoTs cover all relevant IH matrices) | <b>Technology sub-type/<br/>Detector</b> | <b>Published Reference Method/Title of In-house Method</b> | <b>Method Description or Analyte</b><br><i>(for internal methods only)</i> |
|---------------------------------------|--|--|--|--|
| <b>Asbestos/Fiber Microscopy Core</b> | Transmission Electron Microscopy (TEM)                                 |  | EPA AHERA - 40 CFR Part 763                                | EPA AHERA Method (40 CFR 763, Subpart E, Appendix A, Mandatory Method)     |
|                                       |  |  | NIOSH 7402   |  |
|                                       |  |  | Yamate Level 1   |  |
|                                       |  |  | Yamate Level 2   |  |
| <b>Miscellaneous Core</b>             | Gravimetric  |  | NIOSH 0500   |  |
|                                       |  |  | NIOSH 0600   |  |

A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

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The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

### Environmental Lead Laboratory Accreditation Program (ELLAP)

**Initial Accreditation Date: 06/26/1995**

| Field of Testing (FoT) | Technology sub-type/<br>Detector | Method               | Method Description<br><i>(for internal methods only)</i> |
|------------------------|----------------------------------|----------------------|--|
| Paint                  |                                  | EPA SW-846 3050B     |  |
|                        |                                  | EPA SW-846 7000B     |  |
| Soil                   |                                  | EPA SW-846 3050B     |  |
|                        |                                  | EPA SW-846 7000B     |  |
| Settled Dust by Wipe   |                                  | HUD App. 14.2        |  |
|                        |                                  | NIOSH 7082           |  |
|                        |                                  | NIOSH 9100           |  |
|                        |                                  | OSHA ID-105 Modified |  |
| Airborne Dust          |                                  | NIOSH 7082           |  |
|                        |                                  | NIOSH 7105           |  |
|                        |                                  | NIOSH 7303           |  |

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



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### Environmental Microbiology Laboratory Accreditation Program (EMLAP)

**Initial Accreditation Date: 11/01/2003**

| EMLAP Category   | Field of Testing (FoT)       | Method      | Method Description<br><i>(for internal methods only)</i>                |
|------------------|------------------------------|-------------|---|
| <b>Fungal</b>    | Air - Culturable             | SOP IAQ 100 | Analysis of Viable Air Samples for Identification of Fungal Mycota      |
|                  | Bulk - Culturable            | SOP IAQ 103 | Analysis of Viable Bulk Samples for Identification of Fungal Mycota     |
|                  | Surface - Culturable         | SOP IAQ 103 | Analysis of Viable Bulk Samples for Identification of Fungal Mycota     |
|                  | Air - Direct Examination     | SOP IAQ 101 | Analysis of Non-Viable Air Samples for Identification of Fungal Mycota  |
|                  | Bulk - Direct Examination    | SOP IAQ 102 | Analysis of Non-Viable Bulk Samples for Identification of Fungal Mycota |
|                  | Surface - Direct Examination | SOP IAQ 102 | Analysis of Non-Viable Bulk Samples for Identification of Fungal Mycota |
| <b>Bacterial</b> | Legionella                   | SOP IAQ 213 | Recovery of Legionellae from Water Samples                              |
|                  |                              | SOP IAQ 214 | Recovery of Legionellae from Swab Samples                               |

A complete listing of currently accredited Environmental Microbiology laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



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### Unique Scopes Laboratory Accreditation Program (Unique Scopes)

**Initial Accreditation Date: 05/01/2014**

| Unique Scope Category           | Field of Testing (FoT)                              | Method                               | Method Description<br><i>(for internal methods only)</i> |
|---------------------------------|---|--------------------------------------|--|
| <b>Consumer Product Testing</b> | Lead in Paint and Other<br>Similar Surface Coatings | 16 C.F.R 1303 CPSC-CH-<br>E1002.08.1 | MET 215  |
|                                 |   | 16 C.F.R 1303 CPSC-CH-<br>E1003-09   | MET 213  |

A complete listing of currently accredited Unique Scope laboratories is available on the AIHA-LAP, LLC website at:  
<http://www.aihaaccreditedlabs.org>