

AIHA Laboratory Accreditation Programs, LLC acknowledges that Hawaii Analytical Laboratory, LLC 3615 Harding Avenue #308, Honolulu, HI 96816 Laboratory ID: LAP-101812

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 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

| \checkmark | INDUSTRIAL HYGIENE | Accreditation Expires: October 01, 2022 |
|--------------|----------------------------|---|
| \checkmark | ENVIRONMENTAL LEAD | Accreditation Expires: October 01, 2022 |
| \checkmark | ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: October 01, 2022 |
| | FOOD | Accreditation Expires: |
| | UNIQUE SCOPES | 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 ISO/IEC 17025:2017 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) for the most current Scope.

Michal Bren

Michael Breu Chairperson, Analytical Accreditation Board

Revision 18: 03/27/2020

Cheryl J. Marton

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

Date Issued: 07/31/2020



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

Hawaii Analytical Laboratory, LLC

Laboratory ID: LAP-101812

Issue Date: 09/30/2020

3615 Harding Avenue #308, Honolulu, HI 96816

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)

| IHLAP Scope Category | Field of Testing (FOT) | Technology sub- type/Detector | Published Reference Method/Title of In-house Method | Component, parameter or characteristic tested |
|-----------------------------------|------------------------------------|----------------------------------|---|--|
| Asbestos/Fiber Microscopy Core | Phase Contrast Microscopy (PCM) | - | NIOSH 7400 | Asbestos/Fibers |
| Miscellaneous Core | Gravimetric | - | NIOSH 0500 Modified | Total Dust |
| Miscellaneous Core | Gravimetric | - | NIOSH 0600 Modified | Respirable Dust |
| Spectrometry Core | Atomic Absorption | FAA | NIOSH 7024 Modified | Chromium |
| Spectrometry Core | Atomic Absorption | FAA | NIOSH 7030 Modified | Zinc |
| Spectrometry Core | Atomic Absorption | FAA | NIOSH 7048 Modified | Cadmium |
| Spectrometry Core | Atomic Absorption | FAA | NIOSH 7082 Modified | Lead |
| Spectrometry Core | Atomic Absorption | FAA | NIOSH 7900 Modified | Arsenic |
| Spectrometry Core | Atomic Absorption | FAA | OSHA ID-121 Modified | Copper, Manganese, Nickel |
| Spectrometry Core | Infrared | - | NIOSH 7602 | Silica as Alpha Quartz |
| Spectrometry Core | UV/VIS (Colorimetric) | - | NIOSH 7600 Modified | Hexavalent Chromium |

Initial Accreditation Date: 03/24/2000

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



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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)

| Component, parameter or characteristic tested | Technology sub-type/Detector | Method | Method Description (for internal methods only) |
|--|------------------------------|---------------------------|---|
| Airborne Dust | AA | NIOSH 7082 Modified | N/A |
| | AA | EPA SW-846 3050B Modified | N/A |
| Paint | | EPA SW-846 7000B Modified | N/A |
| | | NIOSH 7082 Modified | N/A |
| Settled Dust by Wipe | AA | NIOSH 7082 Modified | N/A |
| | | EPA SW-846 3050B Modified | N/A |
| Soil | AA | EPA SW-846 7000B Modified | N/A |
| | | NIOSH 7082 Modified | N/A |

Initial Accreditation Date: 05/01/2004

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

Issue Date: 07/31/2020



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Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 05/01/2005

| EMLAP Scope Category | Field of Testing (FOT) | Component, parameter or characteristic tested | Method | Method Description (for internal methods only) |
|----------------------|------------------------------|--|--------|--|
| Fungal | Air - Direct Examination | Spore Trap | E-202 | In House: Mold & Fungi Zefon cassette or equivalent |
| Fungal | Surface - Direct Examination | Tape Lifts | E-100 | In House: Mold & Fungi Tapelift and Surface Bulk |

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