



September 29, 2017

Laboratory ID: 101048

Donald Simmons  
State Hygienic Laboratory at the University of Iowa  
Iowa Laboratories Complex 2220 South Ankeny Blvd.  
Ankeny, IA 50023

Dear Mr. Simmons:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved State Hygienic Laboratory at the University of Iowa as an accredited Industrial Hygiene, Environmental Lead and Food laboratory.

Accreditation documentation includes the IHLAP, ELLAP and FoodLAP 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. Please inform us if your laboratory does not wish to use the symbol in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP, ELLAP and FoodLAP requirements (*see Policy Modules 2B, 2C, 2F and 6*), which includes proficient participation in AIHA-LAP, LLC approved proficiency testing, demonstration of competency, or round robin program as indicated on the AIHA-LAP "Approved PT and Round Robin" webpage, its associated Scope/PT table, and as required in Policy Module 6, 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 and FoodLAP.

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

Sincerely,

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

*AIHA Laboratory Accreditation Programs, LLC*  
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R3 05/05/2015

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## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **State Hygienic Laboratory at the University of Iowa**

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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**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> <b>INDUSTRIAL HYGIENE</b> | Accreditation Expires: October 01, 2019 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL LEAD</b> | Accreditation Expires: October 01, 2019 |
| <input type="checkbox"/> <b>ENVIRONMENTAL MICROBIOLOGY</b>    | Accreditation Expires:                  |
| <input checked="" type="checkbox"/> <b>FOOD</b>               | Accreditation Expires: October 01, 2019 |
| <input type="checkbox"/> <b>UNIQUE SCOPES</b>                 | 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 17025:2005 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.

*William Walsh, CIH*  
Chairperson, Analytical Accreditation Board

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

Revision 15: 03/30/2016

Date Issued: 09/29/2017



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

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Issue Date: 09/29/2017

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: 11/01/1974**

| IHLAP Scope Category | Field of Testing (FoT)<br>(FoTs cover all relevant IH matrices) | Technology sub-type/<br>Detector | Published Reference Method/Title of In-house Method | Method Description or Analyte<br><i>(for internal methods only)</i> |
|----------------------|---|----------------------------------|---|---|
| Spectrometry Core    | Inductively-Coupled Plasma                                      | ICP/MS                           | EPA 6020B   |   |
|                      |   | ICP/AES                          | EPA 6010C   |   |
|                      |   |                                  | NIOSH 7300  |   |
|                      |   |                                  | NIOSH 9102  |   |

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



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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: 04/30/1996**

| Field of Testing (FoT)      | Technology sub-type/<br>Detector | Method           | Method Description<br><i>(for internal methods only)</i> |
|-----------------------------|----------------------------------|------------------|--|
| <b>Paint</b>                |                                  | EPA SW-846 3050B |  |
|                             |                                  | EPA SW-846 6010C |  |
|                             |                                  | EPA SW-846 6020B |  |
|                             |                                  | EPA SW-846 7000B |  |
| <b>Soil</b>                 |                                  | EPA SW-846 3050B |  |
|                             |                                  | EPA SW-846 6010C |  |
|                             |                                  | EPA SW-846 6020B |  |
|                             |                                  | EPA SW-846 7000B |  |
| <b>Settled Dust by Wipe</b> |                                  | EPA SW-846 3050B |  |
|                             |                                  | EPA SW-846 6010C |  |
|                             |                                  | EPA SW-846 6020B |  |
|                             |                                  | EPA SW-846 7000B |  |
| <b>Airborne Dust</b>        |                                  | EPA SW-846 3050B |  |
|                             |                                  | EPA SW-846 6010C |  |
|                             |                                  | EPA SW-846 6020B |  |

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at:  
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### Food Laboratory Accreditation Program (FoodLAP)

**Initial Accreditation Date: 10/01/2015**

| FoodLAP Category                            | Field of Testing (FoT) | Matrix             | Method   | Method Description<br><i>(for internal methods only)</i> |
|---|------------------------|--------------------|--|--|
| <b>Residue Chemistry<br/>(Quantitative)</b> | Toxic Elements         | Vegetable Products | FDA Elemental Analysis Manual for Food and Related Products, Analytical Method 4.7 |  |
|   |                        | Fruit Products     | FDA Elemental Analysis Manual for Food and Related Products, Analytical Method 4.7 |  |
|   |                        | Milk Products      | FDA Elemental Analysis Manual for Food and Related Products, Analytical Method 4.7 |  |
|   |                        | Fish Products      | FDA Elemental Analysis Manual for Food and Related Products, Analytical Method 4.7 |  |

A complete listing of currently accredited Food laboratories is available on the AIHA-LAP, LLC website at:

<http://www.aihaaccreditedlabs.org>