



September 30, 2014

Laboratory ID: 100921

Tracey Earle  
ALS Laboratory Group, Environmental Division, (Cincinnati)  
4388 Glendale-Milford Road  
Cincinnati, OH 45242

Dear Ms. Earle:

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

Accreditation documentation includes the IHLAP and ELLAP 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 ELLAP requirements (*see Policy Modules 2B, 2C, 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 PT-Scope 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 Industrial Hygiene and Environmental Lead.

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

Sincerely,

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

*AIHA Laboratory Accreditation Programs, LLC*  
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main +1 703-846-0736 fax +1 703-207-8558

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R2 04/26/2013

Page 1 of 1



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **ALS Laboratory Group, Environmental Division, (Cincinnati)**

4388 Glendale-Milford Road, Cincinnati, OH 45242

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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: 10/01/2016 |
| <input checked="" type="checkbox"/> <b>ENVIRONMENTAL LEAD</b> | Accreditation Expires: 10/01/2016 |
| <input type="checkbox"/> <b>ENVIRONMENTAL MICROBIOLOGY</b>    | Accreditation Expires:            |
| <input type="checkbox"/> <b>FOOD</b>                          | Accreditation Expires:            |
| <input type="checkbox"/> <b>UNIQUE SCOPES</b>                 | Accreditation Expires:            |

Specific Field(s) of Testing (FoT)/Method(s) within each Accredited 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.

Gerald Schultz, CIH  
Chairperson, Analytical Accreditation Board

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



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

**ALS Laboratory Group, Environmental Division, (Cincinnati)**  
4388 Glendale-Milford Road, Cincinnati, OH 45242

Laboratory ID: **100921**  
Issue Date: 06/25/2015

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: 03/01/1989**

| IHLAP Scope Category       | Field of Testing (FoT)    | 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> | <b>Gas Chromatography</b> | <b>GC/FID</b>                    | NIOSH 1000  |   |
|                            |                           |                                  | NIOSH 1001  |   |
|                            |                           |                                  | NIOSH 1002  |   |
|                            |                           |                                  | NIOSH 1003  |   |
|                            |                           |                                  | NIOSH 1004  |   |
|                            |                           |                                  | NIOSH 1005  |   |
|                            |                           |                                  | NIOSH 1006  |   |
|                            |                           |                                  | NIOSH 1007  |   |
|                            |                           |                                  | NIOSH 1009  |   |
|                            |                           |                                  | NIOSH 1010  |   |
|                            |                           |                                  | NIOSH 1011  |   |
|                            |                           |                                  | NIOSH 1012  |   |
|                            |                           |                                  | NIOSH 1013  |   |
|                            |                           |                                  | NIOSH 1014  |   |
|                            |                           |                                  | NIOSH 1015  |   |
|                            |                           |                                  | NIOSH 1016  |   |
|                            |                           |                                  | NIOSH 1017  |   |
|                            |                           |                                  | NIOSH 1018  |   |
|                            |                           |                                  | NIOSH 1019  |   |
|                            |                           |                                  | NIOSH 1020  |   |
| NIOSH 1022                 |                           |                                  |   |   |
| NIOSH 1024                 |                           |                                  |   |   |
| NIOSH 1025                 |                           |                                  |   |   |



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|----------------------------|---------------------------|----------------------------------|---|---|
| <b>Chromatography Core</b> | <b>Gas Chromatography</b> | <b>GC/FID</b>                    | NIOSH 1026  |   |
|                            |                           |                                  | NIOSH 1300  |   |
|                            |                           |                                  | NIOSH 1301  |   |
|                            |                           |                                  | NIOSH 1302  |   |
|                            |                           |                                  | NIOSH 1400  |   |
|                            |                           |                                  | NIOSH 1401  |   |
|                            |                           |                                  | NIOSH 1402  |   |
|                            |                           |                                  | NIOSH 1403  |   |
|                            |                           |                                  | NIOSH 1404  |   |
|                            |                           |                                  | NIOSH 1405  |   |
|                            |                           |                                  | NIOSH 1450  |   |
|                            |                           |                                  | NIOSH 1451  |   |
|                            |                           |                                  | NIOSH 1452  |   |
|                            |                           |                                  | NIOSH 1453  |   |
|                            |                           |                                  | NIOSH 1454  |   |
|                            |                           |                                  | NIOSH 1457  |   |
|                            |                           |                                  | NIOSH 1458  |   |
|                            |                           |                                  | NIOSH 1459  |   |
|                            |                           |                                  | NIOSH 1460  |   |
|                            |                           |                                  | NIOSH 1500  |   |
|                            |                           |                                  | NIOSH 1501  |   |
|                            |                           |                                  | NIOSH 1550  |   |
|                            |                           |                                  | NIOSH 1551  |   |
|                            |                           |                                  | NIOSH 1552  |   |
|                            |                           |                                  | NIOSH 1601  |   |
|                            |                           |                                  | NIOSH 1602  |   |
|                            |                           |                                  | NIOSH 1603  |   |
|                            |                           |                                  | NIOSH 1604  |   |
|                            |                           |                                  | NIOSH 1605  |   |
|                            |                           |                                  | NIOSH 1606  |   |
|                            |                           |                                  | NIOSH 1608  |   |
|                            |                           |                                  | NIOSH 1609  |   |
| NIOSH 1610                 |                           |                                  |   |   |
| NIOSH 1611                 |                           |                                  |   |   |
| NIOSH 1612                 |                           |                                  |   |   |
| NIOSH 1613                 |                           |                                  |   |   |
| NIOSH 1615                 |                           |                                  |   |   |
| NIOSH 1616                 |                           |                                  |   |   |



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|----------------------------|---------------------------|----------------------------------|---|---|
| <b>Chromatography Core</b> | <b>Gas Chromatography</b> | <b>GC/FID</b>                    | NIOSH 1617  |   |
|                            |                           |                                  | NIOSH 1618  |   |
|                            |                           |                                  | NIOSH 1619  |   |
|                            |                           |                                  | NIOSH 1620  |   |
|                            |                           |                                  | NIOSH 2000  |   |
|                            |                           |                                  | NIOSH 2002  |   |
|                            |                           |                                  | NIOSH 2003  |   |
|                            |                           |                                  | NIOSH 2004  |   |
|                            |                           |                                  | NIOSH 2005  |   |
|                            |                           |                                  | NIOSH 2007  |   |
|                            |                           |                                  | NIOSH 2010  |   |
|                            |                           |                                  | NIOSH 2012  |   |
|                            |                           |                                  | NIOSH 2013  |   |
|                            |                           |                                  | NIOSH 2017  |   |
|                            |                           |                                  | NIOSH 2500  |   |
|                            |                           |                                  | NIOSH 2505  |   |
|                            |                           |                                  | NIOSH 2508  |   |
|                            |                           |                                  | NIOSH 2513  |   |
|                            |                           |                                  | NIOSH 2515  |   |
|                            |                           |                                  | NIOSH 2516  |   |
|                            |                           |                                  | NIOSH 2519  |   |
|                            |                           |                                  | NIOSH 2521  |   |
|                            |                           |                                  | NIOSH 2523  |   |
|                            |                           |                                  | NIOSH 2526  |   |
|                            |                           |                                  | NIOSH 2527  |   |
|                            |                           |                                  | NIOSH 2528  |   |
|                            |                           |                                  | NIOSH 2529  |   |
|                            |                           |                                  | NIOSH 2530  |   |
|                            |                           |                                  | NIOSH 2536  |   |
|                            |                           |                                  | NIOSH 2537  |   |
| NIOSH 2538                 |                           |                                  |   |   |
| NIOSH 2539                 |                           |                                  |   |   |
| NIOSH 2541                 |                           |                                  |   |   |
| NIOSH 2544                 |                           |                                  |   |   |
| NIOSH 2545                 |                           |                                  |   |   |
| NIOSH 2552                 |                           |                                  |   |   |
| NIOSH 2553                 |                           |                                  |   |   |
| NIOSH 2554                 |                           |                                  |   |   |
| NIOSH 2555                 |                           |                                  |   |   |



| IHLAP Scope Category | Field of Testing (FoT) | Technology sub-type/<br>Detector | Published Reference Method/Title of In-house Method | Method Description or Analyte<br><i>(for internal methods only)</i> |
|----------------------|------------------------|----------------------------------|---|---|
| Chromatography Core  | Gas Chromatography     | GC/FID                           | NIOSH 2556  |   |
|                      |                        |                                  | NIOSH 2557  |   |
|                      |                        |                                  | NIOSH 2558  |   |
|                      |                        |                                  | NIOSH 2561  |   |
|                      |                        |                                  | NIOSH 2562  |   |
|                      |                        |                                  | NIOSH 3511  |   |
|                      |                        |                                  | NIOSH 5019  |   |
|                      |                        |                                  | NIOSH 5020  |   |
|                      |                        |                                  | NIOSH 5021  |   |
|                      |                        |                                  | NIOSH 5514  |   |
|                      |                        |                                  | NIOSH 5515  |   |
|                      |                        |                                  | NIOSH 5518  |   |
|                      |                        |                                  | NIOSH 5523  |   |
|                      |                        |                                  | NIOSH 5701  |   |
|                      |                        |                                  | OSHA 01   |   |
|                      |                        |                                  | OSHA 04   |   |
|                      |                        |                                  | OSHA 05   |   |
|                      |                        |                                  | OSHA 07   |   |
|                      |                        |                                  | OSHA 08   |   |
|                      |                        |                                  | OSHA 100  |   |
|                      |                        |                                  | OSHA 1001   |   |
|                      |                        |                                  | OSHA 1002   |   |
|                      |                        |                                  | OSHA 1004   |   |
|                      |                        |                                  | OSHA 1005   |   |
|                      |                        |                                  | OSHA 101  |   |
|                      |                        |                                  | OSHA 103  |   |
|                      |                        |                                  | OSHA 104  |   |
|                      |                        |                                  | OSHA 106  |   |
|                      |                        |                                  | OSHA 109  |   |
|                      |                        |                                  | OSHA 11   |   |
|                      |                        |                                  | OSHA 110  |   |
|                      |                        |                                  | OSHA 111  |   |
|                      |                        |                                  | OSHA 113  |   |
| OSHA 12              |                        |                                  |   |   |
| OSHA 14              |                        |                                  |   |   |
| OSHA 15              |                        |                                  |   |   |
| OSHA 16              |                        |                                  |   |   |
| OSHA 19              |                        |                                  |   |   |



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|----------------------------|---------------------------|----------------------------------|---|---|
| <b>Chromatography Core</b> | <b>Gas Chromatography</b> | <b>GC/FID</b>                    | OSHA 29   |   |
|                            |                           |                                  | OSHA 35   |   |
|                            |                           |                                  | OSHA 46   |   |
|                            |                           |                                  | OSHA 48   |   |
|                            |                           |                                  | OSHA 51   |   |
|                            |                           |                                  | OSHA 53   |   |
|                            |                           |                                  | OSHA 56   |   |
|                            |                           |                                  | OSHA 59   |   |
|                            |                           |                                  | OSHA 79   |   |
|                            |                           |                                  | OSHA 80   |   |
|                            |                           |                                  | OSHA 83   |   |
|                            |                           |                                  | OSHA 84   |   |
|                            |                           |                                  | OSHA 88   |   |
|                            |                           |                                  | OSHA 89   |   |
|                            |                           |                                  | OSHA 91   |   |
|                            |                           |                                  | OSHA 92   |   |
|                            |                           |                                  | OSHA 94   |   |
|                            |                           |                                  | OSHA 99   |   |
|                            |                           |                                  | OSHA PV2002   |   |
|                            |                           |                                  | OSHA PV2003   |   |
|                            |                           |                                  | OSHA PV2009   |   |
|                            |                           |                                  | OSHA PV2010   |   |
|                            |                           |                                  | OSHA PV2011   |   |
|                            |                           |                                  | OSHA PV2013   |   |
|                            |                           |                                  | OSHA PV2014   |   |
|                            |                           |                                  | OSHA PV2016   |   |
|                            |                           |                                  | OSHA PV2019   |   |
|                            |                           |                                  | OSHA PV2020   |   |
|                            |                           |                                  | OSHA PV2021   |   |
|                            |                           |                                  | OSHA PV2022   |   |
|                            |                           |                                  | OSHA PV2024   |   |
|                            |                           |                                  | OSHA PV2025   |   |
| OSHA PV2026                |                           |                                  |   |   |
| OSHA PV2028                |                           |                                  |   |   |
| OSHA PV2031                |                           |                                  |   |   |
| OSHA PV2033                |                           |                                  |   |   |
| OSHA PV2036                |                           |                                  |   |   |
| OSHA PV2039                |                           |                                  |   |   |
| OSHA PV2040                |                           |                                  |   |   |



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|----------------------------|---------------------------|----------------------------------|---|---|
| <b>Chromatography Core</b> | <b>Gas Chromatography</b> | <b>GC/FID</b>                    | OSHA PV2041   |   |
|                            |                           |                                  | OSHA PV2042   |   |
|                            |                           |                                  | OSHA PV2043   |   |
|                            |                           |                                  | OSHA PV2047   |   |
|                            |                           |                                  | OSHA PV2051   |   |
|                            |                           |                                  | OSHA PV2053   |   |
|                            |                           |                                  | OSHA PV2057   |   |
|                            |                           |                                  | OSHA PV2060   |   |
|                            |                           |                                  | OSHA PV2061   |   |
|                            |                           |                                  | OSHA PV2062   |   |
|                            |                           |                                  | OSHA PV2064   |   |
|                            |                           |                                  | OSHA PV2075   |   |
|                            |                           |                                  | OSHA PV2076   |   |
|                            |                           |                                  | OSHA PV2077   |   |
|                            |                           |                                  | OSHA PV2078   |   |
|                            |                           |                                  | OSHA PV2079   |   |
|                            |                           |                                  | OSHA PV2080   |   |
|                            |                           |                                  | OSHA PV2081   |   |
|                            |                           |                                  | OSHA PV2083   |   |
|                            |                           |                                  | OSHA PV2085   |   |
|                            |                           |                                  | OSHA PV2090   |   |
|                            |                           |                                  | OSHA PV2091   |   |
|                            |                           |                                  | OSHA PV2094   |   |
|                            |                           |                                  | OSHA PV2095   |   |
|                            |                           |                                  | OSHA PV2098   |   |
|                            |                           |                                  | OSHA PV2100   |   |
|                            |                           |                                  | OSHA PV2101   |   |
|                            |                           |                                  | OSHA PV2106   |   |
|                            |                           |                                  | OSHA PV2108   |   |
|                            |                           |                                  | OSHA PV2118   |   |
| OSHA PV2123                |                           |                                  |   |   |
| OSHA PV2124                |                           |                                  |   |   |
| OSHA PV2128                |                           |                                  |   |   |
| OSHA PV2131                |                           |                                  |   |   |
| OSHA PV2132                |                           |                                  |   |   |
| OSHA PV2133                |                           |                                  |   |   |
| OSHA PV2137                |                           |                                  |   |   |
| OSHA PV2138                |                           |                                  |   |   |
| OSHA PV2139                |                           |                                  |   |   |
| OSHA PV2140                |                           |                                  |   |   |





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|----------------------|------------------------|----------------------------------|---|---|
| Chromatography Core  | Gas Chromatography     | GC/TCD                           | OSHA ID-172   |   |
|                      |                        |                                  | OSHA ID-210   |   |
|                      |                        | GC/ECD                           | NIOSH 1008  |   |
|                      |                        |                                  | NIOSH 1009  |   |
|                      |                        |                                  | NIOSH 1010  |   |
|                      |                        |                                  | NIOSH 1011  |   |
|                      |                        |                                  | NIOSH 1012  |   |
|                      |                        |                                  | NIOSH 1013  |   |
|                      |                        |                                  | NIOSH 1014  |   |
|                      |                        |                                  | NIOSH 1015  |   |
|                      |                        |                                  | NIOSH 1016  |   |
|                      |                        |                                  | NIOSH 1017  |   |
|                      |                        |                                  | NIOSH 1018  |   |
|                      |                        |                                  | NIOSH 1614  |   |
|                      |                        |                                  | NIOSH 2015  |   |
|                      |                        |                                  | NIOSH 2507  |   |
|                      |                        |                                  | NIOSH 2517  |   |
|                      |                        |                                  | NIOSH 2518  |   |
|                      |                        |                                  | NIOSH 2543  |   |
|                      |                        |                                  | NIOSH 5014  |   |
|                      |                        |                                  | NIOSH 5025  |   |
|                      |                        |                                  | NIOSH 5039  |   |
|                      |                        |                                  | NIOSH 5502  |   |
|                      |                        |                                  | NIOSH 5503  |   |
|                      |                        |                                  | NIOSH 5508  |   |
|                      |                        |                                  | NIOSH 5510  |   |
|                      |                        |                                  | NIOSH 5517  |   |
|                      |                        |                                  | NIOSH 5519  |   |
|                      |                        |                                  | NIOSH 5600  |   |
|                      |                        |                                  | NIOSH 5602  |   |
|                      |                        |                                  | OSHA 02   |   |
|                      |                        |                                  | OSHA 10   |   |
|                      |                        |                                  | OSHA 105  |   |
|                      |                        |                                  | OSHA 112  |   |
| OSHA 44              |                        |                                  |   |   |
| OSHA 49              |                        |                                  |   |   |
| OSHA 50              |                        |                                  |   |   |
| OSHA 57              |                        |                                  |   |   |
| OSHA 93              |                        |                                  |   |   |



| IHLAP Scope Category | Field of Testing (FoT)                  | 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> |
|----------------------|---|----------------------------------|---|---|
| Chromatography Core  | Gas Chromatography                      | GC/TCD                           | OSHA 97   |   |
|                      |   |                                  | OSHA PV2023   |   |
|                      |   |                                  | OSHA PV2029   |   |
|                      |   |                                  | OSHA PV2038   |   |
|                      |   |                                  | OSHA PV2050   |   |
|                      |   |                                  | OSHA PV2055   |   |
|                      |   |                                  | OSHA PV2063   |   |
|                      |   |                                  | OSHA PV2066   |   |
|                      |   |                                  | OSHA PV2071   |   |
|                      |   |                                  | OSHA PV2074   |   |
|                      |   |                                  | OSHA PV2088   |   |
|                      |   | OSHA PV2089                      |   |   |
|                      |   | OSHA PV2103                      |   |   |
|                      |   | GC/NPD                           | NIOSH 1302  |   |
|                      |   | NIOSH 2501                       |   |   |
|                      |   | NIOSH 2504                       |   |   |
|                      |   | NIOSH 2506                       |   |   |
|                      |   | NIOSH 2544                       |   |   |
|                      |   | NIOSH 2551                       |   |   |
|                      |   | NIOSH 3513                       |   |   |
|                      |   | OSHA 102                         |   |   |
|                      | OSHA 21                                 |                                  |   |   |
|                      | OSHA 37                                 |                                  |   |   |
|                      | OSHA 52                                 |                                  |   |   |
|                      | OSHA 82                                 |                                  |   |   |
|                      | OSHA PV2048                             |                                  |   |   |
|                      | OSHA PV2084                             |                                  |   |   |
|                      | OSHA PV2096                             |                                  |   |   |
|                      | OSHA PV2104                             |                                  |   |   |
|                      | Gas Chromatography (Diffusive Samplers) | NIOSH 1007                       |   |   |
|                      | NIOSH 4000                              |                                  |   |   |
|                      | OSHA 49                                 |                                  |   |   |
|                      | Ion Chromatography (IC)                 | NIOSH 2008                       |   |   |
| NIOSH 2011           |   |                                  |   |   |
| NIOSH 6004           |   |                                  |   |   |
| NIOSH 6005           |   |                                  |   |   |
| NIOSH 6011           |   |                                  |   |   |
| NIOSH 6012           |   |                                  |   |   |
| NIOSH 6013           |   |                                  |   |   |



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|----------------------------|--------------------------------|----------------------------------|---|---|
| <b>Chromatography Core</b> | <b>Ion Chromatography (IC)</b> |                                  | NIOSH 6016  |   |
|                            |                                | NIOSH 7604                       |   |   |
|                            |                                | NIOSH 7605                       |   |   |
|                            |                                | NIOSH 7903                       |   |   |
|                            |                                | NIOSH 7906                       |   |   |
|                            |                                | OSHA ID-111                      |   |   |
|                            |                                | OSHA ID-128SG                    |   |   |
|                            |                                | OSHA ID-165SG                    |   |   |
|                            |                                | OSHA ID-174SG                    |   |   |
|                            |                                | OSHA ID-182                      |   |   |
|                            |                                | OSHA ID-182SG                    |   |   |
|                            |                                | OSHA ID-186SG                    |   |   |
|                            |                                | OSHA ID-188                      |   |   |
|                            |                                | OSHA ID-190                      |   |   |
|                            |                                | OSHA ID-202                      |   |   |
|                            |                                | OSHA ID-211                      |   |   |
|                            |                                | OSHA ID-212                      |   |   |
|                            |                                | OSHA ID-214                      |   |   |
|                            |                                | OSHA ID-215                      |   |   |
|                            |                                | OSHA PV2119                      |   |   |
|                            | OSHA W4001                     |                                  |   |   |
|                            | <b>Liquid Chromatography</b>   | <b>HPLC/FL</b>                   | NIOSH 5041  |   |
|                            |                                |                                  | OSHA 42   |   |
|                            |                                |                                  | OSHA 47   |   |
|                            |                                | <b>HPLC/UV</b>                   | NIOSH 2014  |   |
|                            |                                |                                  | NIOSH 2016  |   |
|                            |                                |                                  | NIOSH 2018  |   |
|                            |                                |                                  | NIOSH 2514  |   |
|                            |                                |                                  | NIOSH 2532  |   |
|                            |                                |                                  | NIOSH 2535  |   |
| NIOSH 2540                 |                                |                                  |   |   |
| NIOSH 2559                 |                                |                                  |   |   |
| NIOSH 3507                 |                                |                                  |   |   |
| NIOSH 3512                 |                                |                                  |   |   |
| NIOSH 3600                 |                                |                                  |   |   |
| NIOSH 3601                 |                                |                                  |   |   |
| NIOSH 5001                 |                                |                                  |   |   |



| IHLAP Scope Category | Field of Testing (FoT) | 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> |
|----------------------|------------------------|----------------------------------|---|---|
| Chromatography Core  | Liquid Chromatography  | HPLC/UV                          | NIOSH 5002  |   |
|                      |                        |                                  | NIOSH 5003  |   |
|                      |                        |                                  | NIOSH 5004  |   |
|                      |                        |                                  | NIOSH 5005  |   |
|                      |                        |                                  | NIOSH 5007  |   |
|                      |                        |                                  | NIOSH 5008  |   |
|                      |                        |                                  | NIOSH 5009  |   |
|                      |                        |                                  | NIOSH 5010  |   |
|                      |                        |                                  | NIOSH 5013  |   |
|                      |                        |                                  | NIOSH 5016  |   |
|                      |                        |                                  | NIOSH 5018  |   |
|                      |                        |                                  | NIOSH 5027  |   |
|                      |                        |                                  | NIOSH 5029  |   |
|                      |                        |                                  | NIOSH 5030  |   |
|                      |                        |                                  | NIOSH 5031  |   |
|                      |                        |                                  | NIOSH 5032  |   |
|                      |                        |                                  | NIOSH 5033  |   |
|                      |                        |                                  | NIOSH 5043  |   |
|                      |                        |                                  | NIOSH 5044  |   |
|                      |                        |                                  | NIOSH 5046  |   |
|                      |                        |                                  | NIOSH 5506  |   |
|                      |                        |                                  | NIOSH 5509  |   |
|                      |                        |                                  | NIOSH 5512  |   |
|                      |                        |                                  | NIOSH 5516  |   |
|                      |                        |                                  | NIOSH 5521  |   |
|                      |                        |                                  | NIOSH 5522  |   |
|                      |                        |                                  | NIOSH 5601  |   |
|                      |                        |                                  | NIOSH 5606  |   |
|                      |                        |                                  | NIOSH 5700  |   |
|                      |                        |                                  | NIOSH 9202  |   |
|                      |                        |                                  | NIOSH 9205  |   |
| OSHA 105             |                        |                                  |   |   |
| OSHA 107             |                        |                                  |   |   |
| OSHA 108             |                        |                                  |   |   |
| OSHA 20              |                        |                                  |   |   |
| OSHA 22              |                        |                                  |   |   |
| OSHA 24              |                        |                                  |   |   |



| IHLAP Scope Category | Field of Testing (FoT) | 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> |
|----------------------|------------------------|----------------------------------|---|---|
| Chromatography Core  | Liquid Chromatography  | HPLC/UV                          | OSHA 25   |   |
|                      |                        |                                  | OSHA 28   |   |
|                      |                        |                                  | OSHA 32   |   |
|                      |                        |                                  | OSHA 34   |   |
|                      |                        |                                  | OSHA 36   |   |
|                      |                        |                                  | OSHA 39   |   |
|                      |                        |                                  | OSHA 40   |   |
|                      |                        |                                  | OSHA 41   |   |
|                      |                        |                                  | OSHA 43   |   |
|                      |                        |                                  | OSHA 45   |   |
|                      |                        |                                  | OSHA 47   |   |
|                      |                        |                                  | OSHA 54   |   |
|                      |                        |                                  | OSHA 55   |   |
|                      |                        |                                  | OSHA 58   |   |
|                      |                        |                                  | OSHA 60   |   |
|                      |                        |                                  | OSHA 63   |   |
|                      |                        |                                  | OSHA 64   |   |
|                      |                        |                                  | OSHA 78   |   |
|                      |                        |                                  | OSHA 81   |   |
|                      |                        |                                  | OSHA 85   |   |
|                      |                        |                                  | OSHA 86   |   |
|                      |                        |                                  | OSHA 87   |   |
|                      |                        |                                  | OSHA 90   |   |
|                      |                        |                                  | OSHA 95   |   |
|                      |                        |                                  | OSHA 96   |   |
|                      |                        |                                  | OSHA 98   |   |
|                      |                        |                                  | OSHA PV2001   |   |
|                      |                        |                                  | OSHA PV2004   |   |
|                      |                        |                                  | OSHA PV2005   |   |
|                      |                        |                                  | OSHA PV2006   |   |
|                      |                        |                                  | OSHA PV2007   |   |
| OSHA PV2008          |                        |                                  |   |   |
| OSHA PV2012          |                        |                                  |   |   |
| OSHA PV2017          |                        |                                  |   |   |
| OSHA PV2018          |                        |                                  |   |   |
| OSHA PV2030          |                        |                                  |   |   |
| OSHA PV2032          |                        |                                  |   |   |
| OSHA PV2034          |                        |                                  |   |   |
| OSHA PV2035          |                        |                                  |   |   |



| IHLAP Scope Category       | Field of Testing (FoT)            | 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> | <b>Liquid Chromatography</b>      | <b>HPLC/UV</b>                   | OSHA PV2046   |   |
|                            |                                   |                                  | OSHA PV2049   |   |
|                            |                                   |                                  | OSHA PV2052   |   |
|                            |                                   |                                  | OSHA PV2056   |   |
|                            |                                   |                                  | OSHA PV2058   |   |
|                            |                                   |                                  | OSHA PV2059   |   |
|                            |                                   |                                  | OSHA PV2067   |   |
|                            |                                   |                                  | OSHA PV2068   |   |
|                            |                                   |                                  | OSHA PV2069   |   |
|                            |                                   |                                  | OSHA PV2070   |   |
|                            |                                   |                                  | OSHA PV2072   |   |
|                            |                                   |                                  | OSHA PV2082   |   |
|                            |                                   |                                  | OSHA PV2092   |   |
|                            |                                   |                                  | OSHA PV2093   |   |
|                            |                                   |                                  | OSHA PV2094   |   |
|                            |                                   |                                  | OSHA PV2097   |   |
|                            |                                   |                                  | OSHA PV2102   |   |
|                            |                                   |                                  | OSHA PV2107   |   |
|                            |                                   |                                  | OSHA PV2109   |   |
|                            |                                   |                                  | OSHA PV2110   |   |
|                            |                                   |                                  | OSHA PV2111   |   |
|                            |                                   |                                  | OSHA PV2114   |   |
|                            |                                   |                                  | OSHA PV2116   |   |
|                            |                                   |                                  | OSHA PV2117   |   |
|                            |                                   |                                  | OSHA PV2122   |   |
| OSHA PV2125                |                                   |                                  |   |   |
| OSHA PV2126                |                                   |                                  |   |   |
| OSHA PV2127                |                                   |                                  |   |   |
| OSHA PV2129                |                                   |                                  |   |   |
| OSHA PV2135                |                                   |                                  |   |   |
| OSHA W4002                 |                                   |                                  |   |   |
| <b>Spectrometry Core</b>   | <b>Atomic Absorption</b>          | <b>CVAA</b>                      | NIOSH 6009 Modified                                     |   |
|                            | <b>Inductively-Coupled Plasma</b> |                                  | OSHA ID-140   |   |
|                            |                                   |                                  | OSHA ID-145   |   |
|                            | <b>ICP/AES</b>                    | NIOSH 7300                       |   |   |



| <b>IHLAP Scope Category</b>           | <b>Field of Testing (FoT)</b>                 | <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> | <b>Polarized Light Microscopy (PLM)</b>       |  | EPA 600/R-93/116   |  |
|                                       |   |  | NIOSH 9002   |  |
|                                       | <b>Phase Contrast Microscopy (PCM)</b>        |  | NIOSH 7400   |  |
|                                       | <b>Transmission Electron Microscopy (TEM)</b> |  | NIOSH 7402   |  |
| <b>Miscellaneous Core</b>             | <b>Gravimetric</b>                            |  | 40 CFR Pt. 50 App. J (PM-10) & App. L (PM-2.5)             |  |
|                                       |   |  | NIOSH 0500   |  |
|                                       |   |  | NIOSH 0600   |  |
|                                       |   |  | NIOSH 5000   |  |
|                                       |   |  | NIOSH 5042   |  |
|                                       |   | OSHA 196                                 | Carbon Black   |  |

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

**ALS Laboratory Group, Environmental Division, (Cincinnati)**      Laboratory ID: **100921**  
 4388 Glendale-Milford, Road Cincinnati, OH 45242                      Issue Date: 09/30/2014

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.

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 analysis is not included as part of the NLLAP.

### Environmental Lead Laboratory Accreditation Program (ELLAP)

**Initial Accreditation Date: 01/31/1995**

| Field of Testing (FoT) | Method           | Method Description<br><i>(for internal methods only)</i> |
|------------------------|------------------|--|
| Paint                  | EPA SW-846 3050B |  |
|                        | EPA SW-846 6010B |  |
| Soil                   | EPA SW-846 3050B |  |
|                        | EPA SW-846 6010B |  |
| Settled Dust by Wipe   | EPA SW-846 3050B |  |
|                        | EPA SW-846 6010B |  |
| Airborne Dust          | NIOSH 7300       |  |

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