



**AIHA Laboratory Accreditation Programs, LLC**

*acknowledges that*

**ALS Environmental**

**960 West Levoy Dr., Salt Lake City, UT 84123-2547**

**Laboratory ID: LAP-101574**

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**

- |                                     |                                   |                                     |
|-------------------------------------|-----------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <b>INDUSTRIAL HYGIENE</b>         | Accreditation Expires: May 01, 2022 |
| <input type="checkbox"/>            | <b>ENVIRONMENTAL LEAD</b>         | Accreditation Expires:              |
| <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 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](http://www.aihaaccreditedlabs.org)) for the most current Scope.

Michael Breu  
Chairperson, Analytical Accreditation Board

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



# AIHA Laboratory Accreditation Programs, LLC

## SCOPE OF ACCREDITATION

### ALS Environmental

960 West Levoy Dr., Salt Lake City, UT 84123-2547

Laboratory ID: LAP-101574

Issue Date: 04/30/2020

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: 08/01/1974

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 Modified	Asbestos/Fibers
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	NIOSH 9002 Modified	Asbestos & Other Fibers in Bulk
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300 Modified	Beryllium
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	NIOSH 7303 Modified	Beryllium
Beryllium Testing	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified	Beryllium
Beryllium Testing	Inductively-Coupled Plasma	ICP/MS	NIOSH 7303 Modified	Beryllium
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	GC/MS	-	EPA TO-17	Volatile Organic Compounds
Chromatography Core	GC/MS	-	GC/MS Amine Panels	Amines
Chromatography Core	GC/MS	-	IH-AN-014	Volatile Organic Compounds
Chromatography Core	GC/MS	-	IH-AN-015	Volatile Organic Compounds
Chromatography Core	GC/MS	-	IH-AN-1613	Pyridine and 2,4-Dimethyl pyridine
Chromatography Core	GC/MS	-	IH-AN-5528	Polynuclear Aromatic Hydrocarbons (PAHs)
Chromatography Core	GC/MS	-	IH-AN-GC-FID-MS	Generic
Chromatography Core	GC/MS	-	IH-AN-Nicotine	Nicotine
Chromatography Core	GC/MS	-	IH-AN-Solvent	ALS Proprietary
Chromatography Core	GC/MS	-	NIOSH 1302 Modified	n-Methyl-2-pyrrolidinone



IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	GC/MS	-	NIOSH 1613	Pyridine
Chromatography Core	GC/MS	-	NIOSH 1614 Modified	Ethylene Oxide
Chromatography Core	GC/MS	-	NIOSH 2510 Modified	1-Octanethiol
Chromatography Core	GC/MS	-	NIOSH 2522 Modified	Nitrosamines
Chromatography Core	GC/MS	-	NIOSH 2524	Dimethyl Sulfate
Chromatography Core	GC/MS	-	NIOSH 2551 Modified	Nicotine
Chromatography Core	GC/MS	-	NIOSH 5017 Modified	Dibutyl Phosphate
Chromatography Core	GC/MS	-	NIOSH 5600 Modified	Organophosphorus pesticides
Chromatography Core	GC/MS	-	NIOSH 5602	Chlorinated and organonitrogen herbicides
Chromatography Core	GC/MS	-	NIOSH 5605	Pesticides and herbicides
Chromatography Core	GC/MS	-	NIOSH 9106	Methamphetamine and illicit drugs
Chromatography Core	GC/MS	-	NIOSH 9109	Methamphetamine and illicit drugs
Chromatography Core	GC/MS	-	NIOSH 9201	Chlorinated and organonitrogen herbicides
Chromatography Core	GC/MS	-	NIOSH 9202	Captan and thiophanate-methyl
Chromatography Core	GC/MS	-	OSHA 105 Modified	m-Xylene-a,a'-diamine and p-Xylene-a,a'-diamine
Chromatography Core	GC/MS	-	OSHA 21 Modified	Acrylamide
Chromatography Core	GC/MS	-	OSHA 57	4,4-Methylenedianiline (MDA)
Chromatography Core	GC/MS	-	OSHA 65 Modified	Benzidine, 3,3'-dichlorobenzidine, 2,4-toluenediamine, 2,6-toluenediamine
Chromatography Core	GC/MS	-	OSHA 70	Pyrethrum
Chromatography Core	GC/MS	-	OSHA 71	o-Dianisidine, 4,4'-methylenebis(2-chloroaniline) (MOCA), o-Tolidine
Chromatography Core	GC/MS	-	OSHA 73	Toluidines
Chromatography Core	GC/MS	-	OSHA 93 Modified	4-Aminodiphenyl, a-naphthylamine, b-naphthylamine
Chromatography Core	GC/MS	-	OSHA PV2016 Modified	Cyclohexylamine
Chromatography Core	GC/MS	-	OSHA PV2063	Cypermethrin
Chromatography Core	GC/MS	-	OSHA PV2079 Modified	Aniline
Chromatography Core	GC/MS	-	OSHA PV2122 Modified	1-Amino-2-propanol
Chromatography Core	GC/MS	-	OSHA PV2123 Modified	Morpholine
Chromatography Core	GC/MS	-	OSHA PV2141 Modified	Triethanolamine

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IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	GC/MS	-	OSHA PV2145 Modified	2-amino-2-methyl-1-propanol
Chromatography Core	Gas Chromatography	GC/Chemiluminescence	ASTM D5504	Sulfur compounds
Chromatography Core	Gas Chromatography	GC/Chemiluminescence	NIOSH 1622	Carbon disulfide
Chromatography Core	Gas Chromatography	GC/Chemiluminescence	NIOSH 2510 Modified	1-Octanethiol
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 1008	Ethylene dibromide
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2517	Pentachloroethane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2518	Hexachloro-1,3-cyclopentadiene
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2543	Hexachlorobutadiene
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 2559 Modified	Decabromodiphenyl oxide
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5014	Chlorinated terphenyl
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5039	Chlorinated camphene
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5502	Aldrin
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503	Polychlorobiphenyls
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510	Chlordane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5519	Endrin
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5600 Modified	Organophosphorus pesticides
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 02 Modified	Ethylene dibromide
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 03	Ethylene dichloride
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 10	Chloromethyl methyl ether and bis-(Chloromethyl)ether
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 44 Modified	2,4-Dinitrotoluene and 2,4,6-Trinitrotoluene
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 67	Chlordane
Chromatography Core	Gas Chromatography	GC/ECD	OSHA 76	Chloroacetaldehyde
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1000	Allyl chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1001	Methyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1002	b-Chloroprene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1004	Dichloroethyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1006	Fluorotrichloromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1007	Vinyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1010	Epichlorohydrin





IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1011	Ethyl bromide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1012	Dibromodifluoromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1013	1,2-Dichloropropane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1014	Methyl iodide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1015	Vinylidene chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1016	1,1,2,2-Tetrachloro-1,2-difluoroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1017	Trifluorobromomethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1018	Dichlorodifluoromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1019	1,1,2,2-Tetrachloroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1020	1,1,2-Trichloro-1,2,2-trifluoroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1022	Trichloroethylene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1024	1,3-Butadiene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1025	1- & 2-Bromopropane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1026	p-Chlorobenzotrifluoride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1300	Ketones
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1301	Ketones
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1401	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1402	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1403	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1450	Esters
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1451	Methyl cellosolve acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1452	Ethyl formate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1453	Vinyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1454	Isopropyl acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1457	Ethyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1458	Methyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1459	Methyl Acrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1460	Isopropyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550	Naphthas

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IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1551	Turpentine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1601	1,1-Dichloro-1-nitroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1602	Dioxane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1604	Acrylonitrile
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1606	Acetonitrile
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1608	Glycidol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1609	Tetrahydrofuran
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1610	Ethyl Ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1611	Methylal
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1612	Propylene oxide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1615	Methyl tert-butyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1616	n-Butyl glycidyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1618	Isopropyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000	Methanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2003	1,1,2,2-Tetrabromoethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2004	Dimethylacetamide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2500	Methyl Ethyl Ketone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2505	Furfuryl alcohol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2508	Isophorone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2513	Ethylene chlorhydrin
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2516	Dichlorofluoromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2519	Ethyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2521	Methylcyclohexanone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2523	1,3-Cyclopentadiene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2526	Nitroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2527	Nitromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2528	2-Nitropropane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2530	Diphenyl
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2536	Valeraldehyde
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2537	Methyl and ethyl methacrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2538	Acetaldehyde

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IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2539	Aldehydes
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2541	Formaldehyde
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2545	Allyl glycidyl ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2546	Cresol and Phenol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2552	Methyl Acrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2553	Ketones
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2554	Glycol Ethers
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2555	Ketones
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2556	Isophorone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2557	Diacetyl
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2558	Acetoin
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5020	Dibutyl phthalate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5021	o-Terphenyl
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5523	Glycols
Chromatography Core	Gas Chromatography	GC/FID	OSHA 01	Cyclohexanone
Chromatography Core	Gas Chromatography	GC/FID	OSHA 05	Ethylene dibromide
Chromatography Core	Gas Chromatography	GC/FID	OSHA 08	Vinyl bromide
Chromatography Core	Gas Chromatography	GC/FID	OSHA 09	Styrene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 100	Ethyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	OSHA 104	Phthalates
Chromatography Core	Gas Chromatography	GC/FID	OSHA 106	Desflurane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 109	Isopropyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	OSHA 11	1,1,2-Trichloroethane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 12	Benzene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 14	1,1,1-Trichloroethane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 19	Vinylidene chloride
Chromatography Core	Gas Chromatography	GC/FID	OSHA 29	Enflurane and Halothane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 35	Napthalene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 37	Acrylonitrile
Chromatography Core	Gas Chromatography	GC/FID	OSHA 46	1-Nitropropane and 2-Nitropropane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 51	Vinyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 53	2-Methoxyethanol, 2-methoxyethyl acetate,

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IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
				2-Ethoxyethanol, and 2-Ethoxyethyl acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 59	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	OSHA 69	Acetone
Chromatography Core	Gas Chromatography	GC/FID	OSHA 72	Furfural
Chromatography Core	Gas Chromatography	GC/FID	OSHA 75	Vinyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	OSHA 79	2-Methoxyethanol, 2-methoxyethyl acetate, 2-Ethoxyethanol, and 2-Ethoxyethyl acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 80	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	OSHA 83	2-Butoxyethanol and 2-Butoxyethyl acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 89	Divinylbenzene, ethylvinylbenzene, and styrene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 91	Methyl Alcohol
Chromatography Core	Gas Chromatography	GC/FID	OSHA 92	Ethyl acrylate, methyl acrylate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 94	Methyl methacrylate
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	IH-AN-SKC and 3M	Diffusive
Chromatography Core	Ion Chromatography (IC)	-	IH-AN-Chloramine	Chloramine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 2011	Formic acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6004 Modified	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6005	Iodine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6011	Chlorine & Bromine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6012	Sulfuryl fluoride
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6013	Hydrogen sulfide
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7607	Amines
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7903	Inorganic Acids
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7906	Particulate fluorides and hydrofluoric acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7907	Volatile acids
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7908	Non-volatile acids
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-104	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-108	Bromine
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-111	Phosphoric acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-113	Sulfuric acid





IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-165SG	Acid mist
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-174SG	Hydrogen Chloride
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-186SG	Acetic and formic acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-200	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-202	Chlorine dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-211	Sodium azide and hydrazoic acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-212	Iodine
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-214	Ozone
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-215 (Version 2)	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA TO-11A	Aldehydes and ketones
Chromatography Core	Liquid Chromatography	HPLC/UV	IH-AN-9029	Bisphenol A
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2005	Nitrobenzenes
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2014	p-Chlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2016	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2016 Modified	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2018	Aliphatic Aldehydes
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2514	Anisidine
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2532	Glutaraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2540	Ethylenediamine
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2559	Decabromodiphenyl oxide
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 3507	Acetaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 3512	Maleic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5001	2,4-Dichlorophenoxyacetic acid
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5002	Warfarin
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5003	Paraquat
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5004	Hydroquinone
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5005	Thiram
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5008	Pyrethrum
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5009	Benzoyl Peroxide
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5010	Bromoxynil, bromoxynil octanoate
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5016	Strychnine



IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5027	Ribavirin
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5029	4,4-Methylenedianiline (MDA)
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5030	Cyanuric acid
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5031	Aspartame
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5033	p-Nitroaniline
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5044	Estrogenic compounds
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5509	Benzidine
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5512	Pentachlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5522	Isocyanates
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5601	Organonitrogen pesticides
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 7605	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 1007 Modified	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 108	Hydrazine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 25	Maleic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 28	Acrylic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 32	Phenol, Cresol
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 34	Dimethylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 34 Modified	Dimethylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 36	Ethylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 36 Modified	Ethylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 39	Pentachlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 40	Methylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 40 Modified	Methylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 41	Diethylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 41 Modified	Diethylamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 42	Diisocyanates in Air
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 43	Ethylene glycol cinitrate and nitroglycerin
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 44 Modified	2,4-Dinitrotoluene and 2,4,6-Trinitrotoluene
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 45	2,3,4,6-Tetrachlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 47	Methylene bisphenyl isocyanate (MDI)
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 54	Methyl isocyanate



IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 55	Cyanoacrylates
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 60	Amines
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 63	Carbaryl
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 64	Glutaraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 78	Diphenylamine/ n-isopropylaniline
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 81	Crotonaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 85	Valeraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 86	Maleic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 87	Phenylenediamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 90	Phthalic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 95	Ethylene Thiourea
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 98	Trimellitic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2110	Piperonyl butoxide
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2111	Ethanolamine
Chromatography Core	Liquid Chromatography	LC/MS	IH-AN-HPLC/LCMS	ALS Proprietary
Chromatography Core	Liquid Chromatography	LC/MS	IH-AN-N911	Methamphetamines
Chromatography Core	Liquid Chromatography	LC/MS	LC-MS Amines Panels	Amines
Chromatography Core	Liquid Chromatography	LC/MS	NIOSH 2002 Modified	Amines
Chromatography Core	Liquid Chromatography	LC/MS	NIOSH 2522 Modified	Nitrosamines
Chromatography Core	Liquid Chromatography	LC/MS	NIOSH 2540 Modified	Ethylenediamine
Chromatography Core	Liquid Chromatography	LC/MS	OSHA 42/47 Modified	Diisocyanates and Methylene bisphenyl isocyanate
Chromatography Core	Liquid Chromatography	LC/MS	OSHA 60 Modified	Ethylenediamine, diethylenetriamine, triethylenetetramine
Chromatography Core	Liquid Chromatography	LC/MS	OSHA PV2018 Modified	Diethanolamine
Chromatography Core	Liquid Chromatography	LC/MS	OSHA PV2060 Modified	Triethylamine, trimethylamine
Chromatography Core	Liquid Chromatography	LC/MS	OSHA PV2126 Modified	Isopropylamine
Miscellaneous Core	Gravimetric	-	NIOSH 0500 Modified	Total Dust
Miscellaneous Core	Gravimetric	-	NIOSH 0600 Modified	Respirable Dust
Miscellaneous Core	Gravimetric	-	NIOSH 5000	Carbon Black
Miscellaneous Core	Ion-selective electrode (ISE)	-	NIOSH 7902	Fluorides
Miscellaneous Core	Thermo-optical Analysis (TOA)	-	NIOSH 5040	Diesel particulate matter (as elemental carbon)



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Miscellaneous Core	Titrimetric	-	NIOSH 7401 Modified	Alkaline dusts
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009 Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 9103 Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-140 Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-145 Modified	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 6007 Modified	Nickel Carbonyl
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7029 Modified	Copper
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300 Modified	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7303 Modified	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7901 Modified	Arsenic Trioxide
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 9102 Modified	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	OSHA 1003 Modified	Phosphine
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	OSHA ID-125G Modified	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	OSHA ID-206 Modified	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 6007 Modified	Nickel Carbonyl
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7029 Modified	Copper
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7303 Modified	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7901 Modified	Arsenic Trioxide
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 9102 Modified	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	OSHA 1003 Modified	Phosphine
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	OSHA ID-125G Modified	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	OSHA ID-206 Modified	Metals
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 3500 Modified	Formaldehyde
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 3503	Hydrazine
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6010 Modified	Hydrogen Cyanide
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6014	Nitric oxide and nitrogen dioxide
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6015 Modified	Ammonia
Spectrometry Core	UV/VIS (Colorimetric)	-	OSHA ID-006	Hydrogen Peroxide
Spectrometry Core	X-ray Diffraction (XRD)	-	NIOSH 7500 Modified	Silica, crystalline
Spectrometry Core	X-ray Diffraction (XRD)	-	NIOSH 7504 Modified	Vanadium oxides
Spectrometry Core	X-ray Diffraction (XRD)	-	OSHA ID-142 Modified	Quartz and cristobalite



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