



March 30, 2018

Laboratory ID: 101438

Carole Newman
HIH LABORATORY, INC.
100 E. NASA Parkway, Suite 210
Webster, TX 77598

Dear Ms. Newman:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved HIH LABORATORY, INC. 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 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.

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 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 and ELLAP.

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

Sincerely,

Cheryl O. Morton
Managing Director

AIHA Laboratory Accreditation Programs, LLC
3141 Fairview Park Drive, Suite 777, Falls Church, VA 22042 USA
main +1 703-846-0736 *fax* +1 703-207-8558

Twitter: @AIHA_LAP_LLC

R4 01/24/2018

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June 26, 2018

Lab ID: 101438

Carole Newman
HIH LABORATORY, INC.
100 E. NASA Parkway, Suite 210
Webster, TX 77598

Dear Ms. Newman:

Please find attached a revised scope page reflecting the suspension of HIH LABORATORY, INC. for Settled Dust by Wipe. AIHA-LAP, LLC records indicate that HIH LABORATORY, INC. had a non-proficient rating in the Environmental Lead Proficiency Analytical Testing (ELPAT) Program at the close of round 103.

In order for the suspension to be removed, proficiency must be re-established. A laboratory is rated proficient for the applicable FoT/Method(s) if there are no more than twenty-five (25) percent cumulative outliers reported in the last four (4) consecutive PT rounds or there are no outliers reported in the last two (2) consecutive PT rounds. Once proficiency is re-established, you will be sent an updated scope page.

Until you regain proficiency, please remember Policy 2A.5.10.2 which states "*Test results not covered under AIHA-LAP, LLC accreditation shall be clearly identified on the final test report*" for those FoTs that are not proficient.

If you have any questions, please contact Lena Bulgakova, Accreditation Manager, at (703) 846-0792.

Sincerely,

Olena Bulgakova
Accreditation Manager
AIHA-LAP, LLC

AIHA Laboratory Accreditation Programs, LLC
3141 Fairview Park Drive, Suite 777, Falls Church, VA 22042 USA
main +1 703-846-0736 *fax* +1 703-207-8558

Twitter: @AIHA_LAP_LLC

R3 05/02/2015

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AIHA Laboratory Accreditation Programs, LLC

acknowledges that

HIH LABORATORY, INC.

100 E. NASA Parkway, Suite 210, Webster, TX 77598

Laboratory ID: 101438

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

- ✓ **INDUSTRIAL HYGIENE**
- ✓ **ENVIRONMENTAL LEAD**
- ENVIRONMENTAL MICROBIOLOGY**
- FOOD**
- UNIQUE SCOPES**

Accreditation Expires: January 01, 2020

Accreditation Expires: January 01, 2020

Accreditation Expires:

Accreditation Expires:

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) for the most current Scope.

Elizabeth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

HIH LABORATORY, INC.

100 E. NASA Parkway, Suite 210, Webster, TX 77598

Laboratory ID: **101438**

Issue Date: 04/23/2018

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 09/01/1983

IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	ASTM E355-96	
			HIH In House Cumene Hydroperoxide	
			HIH In-House for 1-Butylhydroperoxide	
			HIH In-House for Isophthalonitrile	
			HIH In-House for Sevoflurane	
			HIH In-House for t-amyl hydroperoxide	
			HIH In-House for t-butyl hydroperoxide	
			Kimble/Ketchem Method for Vinyl Acetate	
			NIOSH 1001	
			NIOSH 1002	
			NIOSH 1003	
			NIOSH 1004	
			NIOSH 1005	
			NIOSH 1006	
			NIOSH 1007	
			NIOSH 1010	
			NIOSH 1014	
			NIOSH 1015	
NIOSH 1020				

Effective: 04/10/2015

101438_Scope_IHLAP (OSHA 7 Replacement)_2018_04_23

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IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1022	
			NIOSH 1024	
			NIOSH 1025	
			NIOSH 1026	
			NIOSH 1026 Modified	
			NIOSH 1111	
			NIOSH 1300	
			NIOSH 1301	
			NIOSH 1302	
			NIOSH 1400	
			NIOSH 1401	
			NIOSH 1402	
			NIOSH 1403	
			NIOSH 1405	
			NIOSH 1450	
			NIOSH 1453	
			NIOSH 1454	
			NIOSH 1457	
			NIOSH 1458	
			NIOSH 1500	
			NIOSH 1501	
			NIOSH 1501 Modified	
			NIOSH 1550	
			NIOSH 1551	
			NIOSH 1600	
			NIOSH 1602	
			NIOSH 1603	
			NIOSH 1604	
			NIOSH 1606	
			NIOSH 1608	
			NIOSH 1609	
			NIOSH 1610	
NIOSH 1612				
NIOSH 1613				
NIOSH 1614				
NIOSH 1615				
NIOSH 1616				
NIOSH 1618				
NIOSH 1620				
NIOSH 2000				
NIOSH 2002				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2004	
			NIOSH 2005	
			NIOSH 2007	
			NIOSH 2012	
			NIOSH 2017	
			NIOSH 2036	
			NIOSH 2064	
			NIOSH 2079	
			NIOSH 2091	
			NIOSH 2094	
			NIOSH 2101	
			NIOSH 2106	
			NIOSH 2108	
			NIOSH 2114	
			NIOSH 2123	
			NIOSH 2500	
			NIOSH 2501	
			NIOSH 2505	
			NIOSH 2508	
			NIOSH 2518	
			NIOSH 2529	
			NIOSH 2530	
			NIOSH 2532	
			NIOSH 2537	
			NIOSH 2538	
			NIOSH 2539	
			NIOSH 2540	
			NIOSH 2541	
			NIOSH 2543	
			NIOSH 2546	
			NIOSH 2553	
			NIOSH 2555	
			NIOSH 2557	
NIOSH 4000				
NIOSH 5001				
NIOSH 5003				
NIOSH 5004				
NIOSH 5005				
NIOSH 5020				
NIOSH 5027				
NIOSH 5033				
NIOSH 5043				
NIOSH 5503				
NIOSH 5509				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5515	
			NIOSH 5523	
			NIOSH 5601	
			NIOSH 5602	
			NIOSH 78-212	
			NIOSH IMIS B147	
			NIOSH S181	
			OSHA 01	
			OSHA 09	
			OSHA 100	
			OSHA 1001	
			OSHA 1002	
			OSHA 1004	
			OSHA 1005	
			OSHA 1005 Modified	
			OSHA 1007	
			OSHA 1009	
			OSHA 101	
			OSHA 1010	
			OSHA 1013	
			OSHA 1016 Modified	
			OSHA 1020	
			OSHA 103	
			OSHA 104	
			OSHA 108	
			OSHA 109	
			OSHA 110	
			OSHA 111	
			OSHA 112	
			OSHA 113	
			OSHA 12	
			OSHA 14	
OSHA 16				
OSHA 41				
OSHA 44				
OSHA 46				
OSHA 48				
OSHA 49				
OSHA 50				
OSHA 51				
OSHA 52 Modified				
OSHA 53				
OSHA 55				
OSHA 56				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	OSHA 57	
			OSHA 59	
			OSHA 62	
			OSHA 66	
			OSHA 67	
			OSHA 69	
			OSHA 71	
			OSHA 72	
			OSHA 75	
			OSHA 78	
			OSHA 79	
			OSHA 80	
			OSHA 83	
			OSHA 86	
			OSHA 88	
			OSHA 89	
			OSHA 90	
			OSHA 92	
			OSHA 94	
			OSHA 95	
			OSHA 97	
			OSHA 99	
OSHA CSI for Methyl-isoamyl Keytone				
OSHA CSI/HH INHOUSE Methyl Formate				
OSHA CSI/HH INHOUSE Trimethylbenzene				
OSHA CSI/HH INHOUSE PGME Acetate				
OSHA CSI/HH INHOUSE 1,2 Dimethoxyethane				
OSHA CSI/HH INHOUSE Bromopropane				
OSHA CSI/HH INHOUSE Cyclohexylamine				
OSHA CSI/HH INHOUSE DGME				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Gas Chromatography	GC/FID	OSHA CSI/HH INHOUSE Isoctyl Alcohol	
			OSHA CSI/HH INHOUSE Morpholine	
			OSHA CSI/HH INHOUSE Triethanolamine	
			OSHA IMIS 0337/HH In House 3-Methylpentane	
			OSHA IMIS 115/HH In House Hexachlorobenzene	
			OSHA IMIS H106	
			OSHA IMIS T118	
			OSHA PV 2022 Modified	
			OSHA PV2003	
			OSHA PV2010	
			OSHA PV2011	
			OSHA PV2028	
			OSHA PV2040	
			OSHA PV2060	
			OSHA PV2062	
			OSHA PV2085	
			OSHA PV2098	
			OSHA PV2137	
			OSHA PV2138	
			OSHA PV2140	
			OSHA PV2142	
			GC/MS	
	Gas Chromatography (Diffusive Samplers)		3M 1028 Technical Data Bulletin	
			3M 3500	
			3M 3520 - 1996	
			3M 3551 Ethylene oxide	
			3M OVM Method - Nonene	
	Ion Chromatography (IC)		HH In-house Method for N- (phosphonomethyl) glycine	
			NIOSH 2011	



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Chromatography Core	Ion Chromatography (IC)		NIOSH 3509	
			NIOSH 6004	
			NIOSH 6005	
			NIOSH 6011	
			NIOSH 6013	
			NIOSH 7605	
			NIOSH 7903	
			NIOSH 7906	
			NIOSH 7907	
			NIOSH 7908	
			OSHA 1008	
			OSHA ID-111	
			OSHA ID-113	
			OSHA ID-186SG	
			OSHA ID-188	
			OSHA ID-200	
			OSHA ID-202	
			OSHA ID-214	
	OSHA ID-215 V2			
	Liquid Chromatography	HPLC/UV	ASTM E682-92	
			EPA TO-11	
			HIH In-House for Chlorothalonil	
			HIH In-House for cumene hydroperoxide	
			NIOSH 2014	
			NIOSH 2016	
			NIOSH 2532	
			NIOSH 2540	
			NIOSH 5003	
			NIOSH 5004	
			NIOSH 5005 Modified	
			NIOSH 5027	
			NIOSH 5033 Modified	
			NIOSH 5181	
			NIOSH 5509	
			NIOSH 5601	
			OSHA 1007	
OSHA 20				
OSHA 25				
OSHA 28				
OSHA 32				
OSHA 34				
OSHA 36				



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 39	
			OSHA 40	
			OSHA 42	
			OSHA 47	
			OSHA 55	
			OSHA 57	
			OSHA 58	
			OSHA 60	
			OSHA 64	
			OSHA 65	
			OSHA 81	
			OSHA 86	
			OSHA 87	
			OSHA 90	
			OSHA 95	
			OSHA CSI/HH INHOUSE 2-Aminoethanol	
			OSHA CSI/HH INHOUSE Bisphenol A	
			OSHA CSI/HH INHOUSE Diethanol Amine	
			OSHA CSI/HH INHOUSE Isophorone Diisocyanate	
			OSHA CSI/HH INHOUSE Tannic Acid	
			OSHA IMIS C629/HH In House Chlorothalonil	
			OSHA IMIS H106/HH In House Hexamethylenediamine	
			OSHA IMIS H115/HH In House Formamide	
Osha In-House File for Formamide				
OSHA PV2005				
OSHA PV2085				
OSHA PV2111				
OSHA S181				
SKC Proprietary Method for acrylic acid				
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-140	



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Spectrometry Core	Atomic Absorption	CVAA	OSHA ID-145	
	Inductively-Coupled Plasma	ICP/AES	HIH In House Boron	
			HIH In House Osmium Tetraoxide	
			HIH In House Tetraethyl Lead	
			NIOSH 6001 Modified Arsine	
			NIOSH 6007 Modified NIOSH 7074	
			NIOSH 7300 Modified	
			NIOSH 7901 Arsenic Trioxide	
			OSHA ID-105	
			OSHA ID-125G	
	X-ray Diffraction (XRD)		NIOSH 7500	
			OSHA ID-142	
			OSHA ID-185	
	UV/VIS (Colorimetric)		3M 3721 Formaldehyde	
			NIOSH 3500	
			NIOSH 6010	
			NIOSH 6014	
NIOSH 7600				
OSHA ID-205				
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA 600/R-93/116	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
Miscellaneous Core	Gravimetric		EPA PM10	
			NIOSH 0500	PARTICULATES NOT OTHERWISE REGULATED, TOTAL
			NIOSH 0600	
			NIOSH 5000	
			NIOSH 5042 Modified	
			OSHA ID-196	
SKC MDHA				

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



IHLAP Scope Category	Field of Testing (FoT) (FoTs cover all relevant IH matrices)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte <i>(for internal methods only)</i>
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA 600/R-93/116	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
Miscellaneous Core	Gravimetric		EPA PM10	
			NIOSH 0500	
			NIOSH 0600	
			NIOSH 5000	
			NIOSH 5042 Modified	
			OSHA ID-196	
SKC MDHA				

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AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

HIH LABORATORY, INC.

100 E. NASA Parkway, Suite 210, Webster, TX 77598

Laboratory ID: **101438**

Issue Date: 06/26/2018

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

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: 02/01/1997

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description <i>(for internal methods only)</i>
Paint		NIOSH 7303	
Soil		NIOSH 7303	
Airborne Dust		NIOSH 7303	

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