



March 30, 2018

Laboratory ID: 101011

Ann Whitaker
The Michigan Department of Licensing and Regulatory Affairs
7707 Rickle Street
Lansing, MI 48917

Dear Ms. Whitaker:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved The Michigan Department of Licensing and Regulatory Affairs as an accredited Industrial Hygiene laboratory.

Accreditation documentation includes the IHLAP 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 requirements (*see Policy Modules 2B 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.

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

Sincerely,

A handwritten signature in cursive script that reads "Cheryl O. Morton".

Cheryl O. Morton
Managing Director

AIHA Laboratory Accreditation Programs, LLC
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AIHA Laboratory Accreditation Programs, LLC

acknowledges that

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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

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

Accreditation Expires: April 01, 2020

Accreditation Expires:

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

The Michigan Department of Licensing and Regulatory Affairs Laboratory ID: **101011**
 7707 Rickle Street, Lansing, MI 48917 Issue Date: 04/03/2018

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: 09/01/1978

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 1001	
			NIOSH 1453	
			NIOSH 1604	
			NIOSH 1615	
			NIOSH 2000	
			NIOSH 2505	
			NIOSH 2541	
			NIOSH 5523	
			NIOSH Publ. (U.S.) No. 77-192. July 1997	
			OHL2002S016	CH4 over H2O
			OHL2002S001	
			OSHA 01	
			OSHA 100	
			OSHA 1004	
			OSHA 101	
			OSHA 104	
			OSHA 109	
			OSHA 113	
			OSHA 19	
			OSHA 48	
OSHA 51				
OSHA 52				
OSHA 56				
OSHA 69				



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 72			
			OSHA 75			
			OSHA 80			
			OSHA 83			
			OSHA 84			
			OSHA 89			
			OSHA 91			
			OSHA 92			
			OSHA 94			
			OSHA 99			
			OSHA PV2009			
			OSHA PV2013			
			OSHA PV2024			
			OSHA PV2041			
			OSHA PV2061			
			OSHA PV2064			
			GC/MS		OHL2002S004	In-house, ID confirm only
			Gas Chromatography (Diffusive Samplers)		OSHA 1002	
	OSHA 1005					
	OSHA 111					
	Ion Chromatography (IC)		In-house OSHA 06/1990	OHL2004S026		
			NIOSH 2561			
			NIOSH 7903			
			NIOSH S150			
			OSHA 182			
			OSHA 188			
			OSHA 190			
			OSHA 200			
			OSHA 215			
			OSHA PV2016			
			OSHA PV2060			
	OSHA PV2119	OHL2004S025, OHL2006S015				
Liquid Chromatography	HPLC/FL	OSHA 42				
		OSHA 47				
		OSHA 58				
		OSHA PV2034				
		OSHA PV2125				



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/PDA	OSHA 90	
		HPLC/UV	NIOSH 2016	
			NIOSH 2018	
			NIOSH 2532	
			NIOSH 2540	
			NIOSH 5009	
			NIOSH P&CAM 333	
			OSHA 32	OHL2004S020, OHL2004S022
			OSHA 55	
			OSHA 60	
			OSHA PV2004	
			OSHA PV2005	
			OSHA PV2018	
		OSHA PV2094		
OSHA PV2111				
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	OSHA ID-121	
			OSHA ID-125G	
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		NIOSH 9002	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 5042	
			OSHA 58	
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	OSHA 121	

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