



February 28, 2018

Laboratory ID: 100366

Dr. Karen Mattson
Covestro Industrial Hygiene Laboratory
1 Covestro Circle
Pittsburgh, PA 15205

Dear Dr. Mattson:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Covestro Industrial Hygiene Laboratory 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,

Cheryl O. Morton
Managing Director

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

acknowledges that

Covestro Industrial Hygiene Laboratory

1 Covestro Circle, Pittsburgh, PA 15205

Laboratory ID: 100366

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"/> INDUSTRIAL HYGIENE | Accreditation Expires: March 01, 2020 |
| <input type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: |
| <input type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | 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.

William Walsh, CIH
Chairperson, Analytical Accreditation Board

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

Revision 15: 03/30/2016

Date Issued: 02/28/2018



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

Covestro Industrial Hygiene Laboratory

1 Covestro Circle, Pittsburgh, PA 15205

Laboratory ID: **100366**

Issue Date: 02/28/2018

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: 07/01/1983

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	NIOSH 1003	
			NIOSH 1400	
			NIOSH 1450	
			NIOSH 1500	
			NIOSH 1501	
			NIOSH 1550	
			NIOSH 1604	
			NIOSH 1606	
			NIOSH 1609	
			NIOSH 2004	
			NIOSH 5523	
			OSHA 100	
			OSHA 104	
			OSHA 109	
			OSHA 52	
			OSHA 59	
			OSHA 69	
			OSHA 74 Mod.	Method 5.28.0; Method 5.100.0; Method 5.101.0
			OSHA 79	
OSHA 91				
OSHA 99				

Effective: 04/10/2015

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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	SOP 2.9.1	Analysis of Dinitrotoluene
			SOP 3.53.0	Pentafluoropropane by GC/FID
		GC/ECD	OSHA 74 Mod.	Method 5.16.0, Method 5.21.0, Method 5.86.0, Method 5.95.0
		GC/NPD	OSHA 74 Mod.	Method 5.58.0, Method 5.59.0, Method 5.60.0, Method 5.88.0
			SOP 2.10.3	Aliphatic amine catalysts by GC/NPD
			SOP 3.54.0	TCPP
	Gas Chromatography (Diffusive Samplers)		3M Tech Bulletin 1028	
			OSHA 1005	
			OSHA 1009	
			SOP 13.2.0	Propylene Oxide by 3M3520 Sampler and GC/FID
	Liquid Chromatography	HPLC/FL	NIOSH 5601 Mod.	Method 5.07.0, Method 5.08.0, Method 5.09.0; Method 5.98.1.
			OSHA 42 Mod.	Method 1.7.6A
			OSHA 47 Mod.	Method 1.7.7, Method 1.19.0
			SOP 1.20.1	Isocyanates by PP Impinger & HPLC/UV/Fid
		HPLC/UV	NIOSH 5601 Mod.	Method 5.11.0, Method 5.23.0, Method 5.24.0, Method 5.25.0, Method 5.34.0, Method 5.41.0, Method 5.42.0, Method 5.49.0; Method 5.56.0, Method 5.70.0, Method 5.71.0, Method 5.74.0, Method 5.77.0, Method 5.79.0, Method 5.80.0, Method 5.81.0, Method 5.82.0, Method 5.83.0, Method 5.84.0, Method 5.85.0, Method 5.87.0,



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	NIOSH 5601 Mod.	Method 5.89.0, Method 5.90.0, Method 5.91.0, Method 5.92.0, Method 5.93.0, Method 5.94.0; Method 5.96.0; Method 5.97.1; Method 5.99.1
			OSHA 1007 Mod.	Method 3.47.0
			OSHA PV2012	
			SOP 2.15.0	MDA by ACGFF and HPLAC/UV
			SOP 2.16.0	Amines
			SOP 2.18.1	TDA by ACGFF & HPLC/UV
			SOP 3.41.0	BPA by GFF & HPLC/UV
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 0600 Modified	

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