



November 30, 2018

Laboratory ID: 101537

Dennis Murray
Johns Manville
JMTC IH Analytical Laboratory
10100 W. Ute Avenue
Littleton, CO 80127

Dear Mr. Murray:

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

acknowledges that

Johns Manville

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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 17025:2017 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: November 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 17025:2017 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) for the most current Scope.

Elizabeth Bair
Chairperson, Analytical Accreditation Board

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



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

Johns Manville

JMTC IH Analytical Laboratory, 10100 W. Ute Avenue, Littleton, CO 80127

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Issue Date: 11/30/2018

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: 01/01/1976

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 1005		
			NIOSH 1022		
			NIOSH 1300		
			NIOSH 1400		
			NIOSH 1500		
			NIOSH 1501		
			NIOSH 1550		
			NIOSH 1602		
			NIOSH 1603		
			NIOSH 2000		
			NIOSH 2500		
			NIOSH 2541		
			OSHA 104		
			OSHA 52		
			OSHA PV2009		
			Gas Chromatography (Diffusive Samplers)		
	NIOSH 1005				
	NIOSH 1022				
	NIOSH 1300				
	NIOSH 1400				
	NIOSH 1500				
	NIOSH 1501				



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 (Diffusive Samplers)		NIOSH 1603	
			NIOSH 2000	
			NIOSH 2500	
			NIOSH 2508	
			NIOSH 2541	
			OSHA 104	
			OSHA 52	
			OSHA PV 2009	
	Ion Chromatography (IC)		NIOSH 6016	
			NIOSH 7605	
			NIOSH 7903	
			OSHA ID - 215	
	Liquid Chromatography	HPLC/UV	EPA TO-11	
			NIOSH 2016	
			NIOSH 2532	
			NIOSH 5506	
			OSHA 1007	
			OSHA ID-32	
OSHA ID-42				
OSHA ID-47				
Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	NIOSH 7300	
			NIOSH 9100	
			OSHA ID-125	
	X-ray Diffraction (XRD)		NIOSH 7500	X-1.05; X-1.15
			OSHA ID-142	X-1.05; X-1.15
Miscellaneous Core	Gravimetric		AS 3640	
			NIOSH 0500	
			NIOSH 0600	
			NIOSH 5000	
			NIOSH 5042	
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	NIOSH 9100	
			WSRC-TR02004-00395	

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