



AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

Wisconsin Occupational Health Laboratory
2601 Agriculture Drive, Madison, WI 53718

Laboratory ID: **101070**
Issue Date: 02/01/2012

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

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 05/01/1982

IHLAP Scope Category	Field of Testing (FoT)	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 1007	
			NIOSH 1018	
			NIOSH 1019	
			NIOSH 1301	
			NIOSH 1400	
			NIOSH 1402	
			NIOSH 1403	
			NIOSH 1453	WG019
			NIOSH 1453	WG025
			NIOSH 1500	
			NIOSH 2000	
			NIOSH 2002	
			NIOSH 2004	
			NIOSH 2005	
			NIOSH 2500	WG019
			NIOSH 2500	WG025
			NIOSH 2505	
			NIOSH 2508	
			NIOSH 2526	
			NIOSH 2530	
			NIOSH 2537	
			NIOSH 2545	
			NIOSH 2557	
NIOSH 5034				
NIOSH 5038				
NIOSH 5523				



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Chromatography Core	Gas Chromatography	GC/ FID	NIOSH S-264	
			OSHA 01	
			OSHA 07	
			OSHA 100	
			OSHA 1004	
			OSHA 103	WG025
			OSHA 103	WG019
			OSHA 104	
			OSHA 106	
			OSHA 35	
			OSHA 37	
			OSHA 46	
			OSHA 56	
			OSHA 66	
			OSHA 69	
			OSHA 72	
			OSHA 79	
			OSHA 80	
			OSHA 83	
			OSHA 84	
			OSHA 89	
			OSHA 92	
			OSHA ID 172	WG060
			OSHA ID 172	WG063
			OSHA ID 172	WG061
			OSHA ID 172	WG064
			OSHA ID 172	WG062
			OSHA PV2003	
			OSHA PV2014	
			OSHA PV2016	
			OSHA PV2022	
			OSHA PV2024	
			OSHA PV2047	
			OSHA PV2053	
			OSHA PV2060	WG035
OSHA PV2060	WG109			
OSHA PV2060	WG124			
OSHA PV2064				
OSHA PV2108				
OSHA PV2118				
OSHA PV2123	WG101			
OSHA PV2123	WG095			
OSHA PV2130	Benzophenone			
WG013	In-house method for Benzyl Alcohol on Charcoal Tube Media			



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Chromatography Core	Gas Chromatography	GC/ FID	WG014	In-house method for Benzyl Alcohol
			WG023	Rhone-Poulenc Method 184
			WG090	OSHA minimal in-house file for Diethylhexyl Adipate
			WG092	In-house for Methyl Ethyl Ketoxime
			WG094	In-house for Formamide
			WG099	Bayer Corporate Industrial Hygiene Laboratory Method 2.10.2
			WG099	Union Carbide Corp., Laboratory MANUAL, Industrial Hygiene Methods, #38C-8J8-TPG
			WG113	Phenothiazine on glass fiber filters desorbed in acetone
			WG116	Diacrylates on Chromosorb106 desorbed in methanol
			WG119	Dimethylisopropylamine on XAD2 desorbed in acetone
			WG120	Dimethylaminoethoxy ethanol on XAD-2 desorbed in acetone
		GC/TCD	OSHA ID 172	WG066
			OSHA ID 172	WG065
		GC/ECD	EPA 8081	
			NIOSH 1614	
			NIOSH 5039	
			NIOSH 5503	
			OSHA 57	
			OSHA 62	
			OSHA 65	
			OSHA 67	WG041
			OSHA 67	WG039
			OSHA 67	WG072
			OSHA 70	
			OSHA 71	
			OSHA 73	
			OSHA PV2061	
OSHA PV2088				



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Chromatography Core	Gas Chromatography	GC/ECD	OSHA PV2089	
			WG071	Manufacturers method for Fipronil submitted to EPA to support product registration
		GC/NPD	EPA 507	
			NIOSH 2527	
			NIOSH 2544	
			NIOSH 2551	WG104
			NIOSH 2551	WG058
			OSHA 102	
			OSHA 21	WG097
			OSHA 21	WG093
			OSHA 21	WG038
			OSHA 52	
			OSHA 61	
			OSHA PV2004	
			OSHA PV2084	
			OSHA PV2104	
		GC/FPD	WG088	Bayer Corporate Industrial Hygiene Laboratory Method 2.10.2
			WG097	"HPLC Analysis of Acrylamide", Polymer Ventures, Charleston, SC, modified for GC
			NIOSH 5600	WG068
			NIOSH 5600	WG040
	Gas Chromatography (Diffusive Samplers)		OSHA 1001	
			OSHA 1002	
			OSHA 1004	
			OSHA 50	
			WG028	3M method: Determination of Ethylene Oxide in Air Using 3M 3550/3551 Ethylene Oxide Monitors (September 1997)
			WG030	Analytes on 3M Badges on CS2
			WG031	Analytes on 3M Badges in MeCl2
			WG032	Analytes on 3M Badges in CS2 - 50% DMF



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Chromatography Core	Gas Chromatography (Diffusive Samplers)		WG033	Analytes on 3M Badges in Acetonitrile
			WG049	Analytes on TraceAir OVM-1 Badge Media in 1.5 milliliters of CS2
			WG050	Butadiene on TraceAir OVM-1 Badge Media in MeCl2
			WG110	Analytes in Assay Badge 566 in 2 ml CS2-3% Benzyl Alcohol
	Ion Chromatography (IC)		NIOSH 2011	
			NIOSH 6004	
			NIOSH 6011	
			NIOSH 6013	
			NIOSH 6017	
			NIOSH 6402 modified	
			NIOSH 7903	
			NIOSH 7904	
			OSHA ID-104	
			OSHA ID-111	
			OSHA ID-113	
			OSHA ID-165SG	
			OSHA ID-174SG	
			OSHA ID-182	
			OSHA ID-186SG	
			OSHA ID-188	
			OSHA ID-190	
			OSHA ID-200	
			OSHA ID-202	
			OSHA ID-211	
			OSHA ID-214	
	OSHA ID-215			
	WI014ox	In-House Method for Oxalic Acid		
	WI020eth	In-house method for Ethanolamines		
	WI022ncl	In-house Method for Chloramines		
	WI025mw	In-house Method for Low Molecular Weight Aliphatic Amines		
	Liquid Chromatography	HPLC/FL	NIOSH 5032	
NIOSH 5041				
OSHA 32				
OSHA 42				



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Chromatography Core	Liquid Chromatography	HPLC/FL	OSHA 47	
			OSHA 58	
			OSHA PV2092	
			OSHA W4002	
		HPLC/UV	EPA TO-11	
			NIOSH 2016	
			NIOSH 2540	
			NIOSH 304	
			NIOSH 333	
			NIOSH 3512	
			NIOSH 5001	
			NIOSH 5002	
			NIOSH 5003	
			NIOSH 5005	
			NIOSH 5007	
			NIOSH 5016	
			NIOSH 5027	
			NIOSH 5043	
			NIOSH S228	
			OSHA 105	
			OSHA 108	
			OSHA 20	
			OSHA 2052	
			OSHA 28	
			OSHA 32	
			OSHA 39	WL098
			OSHA 39	WL073
			OSHA 43	
			OSHA 55	
			OSHA 60	
			OSHA 63	
			OSHA 64	
			OSHA 78	
			OSHA 86	
			OSHA 87	
			OSHA 90	
			OSHA 95	
			OSHA 98	
			OSHA Modified NIOSH 5509	
			OSHA PV 2012	
OSHA PV2001				
OSHA PV2005				
OSHA PV2007				
OSHA PV2008				
OSHA PV2067				



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Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2094	
			OSHA PV2102	
			OSHA PV2110	
			OSHA PV2111	
			WL017	In-house method for Abietic Acid
			WL035	In-house method for Cumene Hydroperoxide
			WL074	In-house method for Melamine
			WL082	In-house method for Adipic Acid
			WL086	In-house method for Chloroacetophenone (a-)
			WL087	In-house method for Benzoic Acid
			WL089	In-house method for Isotretinoin
			WL091	In-house method for Mirtazapine
			WL093	In-house method for Diltiazem
			WL097	F. Hoffmann - La Roche AG, Basel PSUG-AH, Dr. Berndt-Ingo Podkowik, PSUG-AH; Dr. G. Schiefer, VFCD - 12/15/1997
			WL099	OSHA In-House for Decabromodiphenyl oxide
			WL104	In-house method for Atrazine
			WL105	In-house method for Simazine
			WL115	In-house method: Trimethylolpropane Triacrylate
	LC/MS		OSHA 27	
Spectrometry Core	Atomic Absorption	GFAA	EHD Metals 400.0	Standard Methods 3113 B
			NIOSH 6001	
	FAA		OSHA 121	EHD Metals 021
			OSHA 121	EHD Metals 020
			OSHA ID 121	EHD Metals 012
	CVAA		NIOSH 6009	EHD Metals 010
			NIOSH 6009	EHD Metals 008
			NIOSH 6009	EHD Metals 007



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Spectrometry Core	Inductively-Coupled Plasma	ICP/AES	EPA 200.7	
			EPA SW-846 6010B	
			NIOSH 6006	
			NIOSH 7303	EHD Metals 002
			NIOSH 7303	EHD Metals 001
			NIOSH 7303	EHD Metals 014
	X-ray Diffraction (XRD)		NIOSH 7500	
			OSHA ID-142	
	UV/VIS (Colorimetric)		NIOSH 3500	
			NIOSH 3500	
			NIOSH P&CAM 263	
OSHA 205				
WC014mek			In-house method for Methyl Ethyl Ketone Peroxide	
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA 600/M4-82-020	WA001blk
			EPA 600/M4-82-020	WA002blk
			EPA 600/R-93/116	WA003blk
			EPA 600/R-93/116	WA001blk
			EPA 600/R-93/116	WA002blk
	Phase Contrast Microscopy (PCM)		WP001	Microscopic Particle Identification(Polarized Light)
			NIOSH 7400	
	Transmission Electron Microscopy (TEM)		ASTM Draft Method D22.P008.Dp08	
			EPA 600/R-93/116	
			NIOSH 7402	
NIOSH 7402				
Miscellaneous Core	Titrimetric		NIOSH 7401	
			NIOSH 7401	
	Gravimetric		ASTM D 1475-90	
			ASTM D2369-93	
			ASTM E 180-93	WG043
			ASTM E 180-93	WG045
			EPA 24	WG043
			EPA 24	WG045
			NIOSH 0500	
			NIOSH 0600	
			NIOSH 5023	
			NIOSH 5042	WC005ctp
			NIOSH 5042	WC021
			NIOSH 5524	
			OSHA 58	
OSHA ID-196				
OSHA ID201SG				



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Miscellaneous Core	Ion-selective electrode (ISE)		OSHA ID-006 (VI-6)	
			OSHA ID-006 partially validated	
			OSHA ID-101	
			OSHA ID-110	
			OSHA ID-212	
			OSHA ID-216SG	
	WC017clo	Perchlorate: References OSHA ID-115SG & instruction manual by Orion		
	WC017clo	OSHA CSI perchloric acid Feb 2010 OSHA 115SG		
	Thermo-optical Analysis (TOA)		NIOSH 5040	
Beryllium Testing	Inductively-Coupled Plasma	ICP/AES	ASTM D7202-06	
			ASTM D7439-08	
			EPA 200.7	
			EPA SW-846 6010B	
			NIOSH 7300	
			NIOSH 7303	EHD Metals 002
			NIOSH 7303	EHD Metals 001
			NIOSH 7303	EHD Metals 014
NIOSH 7303	EHD Metals 003			

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- | | |
|--|--|
| <ul style="list-style-type: none"> ✓ AIHA-PAT Programs, LLC IHPAT Metals ✓ AIHA-PAT Programs, LLC IHPAT Organic Solvents ☐ AIHA-PAT Programs, LLC IHPAT Silica ✓ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (3M) ☐ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (SKC) ☐ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (AT) ✓ AIHA-PAT Programs, LLC IHPAT Asbestos ✓ AIHA-PAT Programs, LLC Bulk Asbestos (BAPAT) ✓ AIHA-PAT Programs, LLC Beryllium (BePAT) ✓ HSE Workplace Analytical Scheme for Proficiency (WASP) (Formaldehyde) ☐ HSE Workplace Analytical Scheme for Proficiency (WASP) (Thermal Desorption Tubes) | <ul style="list-style-type: none"> ☐ Pharmaceutical Round Robin ☐ Compressed/Breathing Air Round Robin ☐ National Voluntary Laboratory Accreditation Program (NVLAP - determined at the time of site assessment) ☐ New York State Department of Health (NYS DOH – PCM and TEM) ☐ ERA Air and Emissions standards for indoor air quality ☐ Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, formerly BGIA) ☐ Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST) |
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AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

Wisconsin Occupational Health Laboratory
2601 Agriculture Drive, Madison, WI 53718

Laboratory ID: **101070**
Issue Date: 02/01/2012

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

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 analysis is not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 05/20/1994

Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Airborne Dust	EPA 200.7	
	EPA SW-846 6010B	
	NIOSH 7303	
Paint	EPA 200.7	
	EPA SW-846 6010B	
	NIOSH 7303	
Soil	EPA 200.7	
	EPA SW-846 6010B	
	NIOSH 7303	
Settled Dust by Wipe	EPA 200.7	
	EPA SW-846 6010B	
	NIOSH 7303	

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- √ Paint
- √ Soil
- √ Settled Dust by Wipe
- √ Airborne Dust



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Environmental Microbiology Laboratory Accreditation Program (EMLAP)

Initial Accreditation Date: 05/01/2000

EMLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Fungal	Air - Culturable	WB001	Air Cassette Filter Samples for Fungi
		WB003	Andersen Air Samples for Fungi
		WB016	Mold Identification
		WB017	Yeast Identification
		WB023	Via-Cell Analysis for Fungi
	Bulk - Culturable	WB006	Bulk Samples for Fungi
		WB016	Mold Identification
		WB017	Yeast Identification
	Surface - Culturable	WB009	Wipe Samples for Fungi
		WB016	Mold Identification
		WB017	Yeast Identification
	Air - Direct Examination	WB012	Total Spore Count
		WB023	Total Spore Count
Bulk - Direct Examination	WB015	Direct Microscopic Examination for Fungi from Bulk & Wipe Samples	
	WB011	Tape for Fungi	
Surface - Direct Examination	WB015	Direct Microscopic Examination for Fungi from Bulk & Wipe Samples	
	WB015	Direct Microscopic Examination for Fungi from Bulk & Wipe Samples	
Bacterial	Air - Culturable	WB002	Andersen Air Samples for Bacteria
		WB004	Andersen Air Samples for Thermophilic Actinomycetes
		WB014	Bacteria Identification
		WB018	Identification of Aerobic Actinomycetes
		WB024	In-house Identification of Methicillin Resistant Staphylococcus Aureus



EMLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Bacterial	Bulk - Culturable	WB005	Bulk Samples for Bacteria
		WB007	Bulk Samples for Thermophilic Actinomycetes
		WB013	Legionella Culture and Identification
		WB014	Bacteria Identification
		WB018	Identification of Aerobic Actinomycetes
	Surface - Culturable	WB008	Wipe Samples for Bacteria
		WB010	Wipe Samples for Thermophilic Actinomycetes
		WB013	Legionella Culture and Identification
		WB014	Bacteria Identification
		WB018	Identification of Aerobic Actinomycetes
		WB024	In-house Identification of Methicillin Resistant Staphylococcus Aureus

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- √ Fungal Culturable
- √ Bacterial Culturable
- √ Fungal Direct Examination