



**AIHA**

Laboratory Accreditation  
Programs, LLC

## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **Analytics Corporation**

10329 Stony Run Lane, Ashland, VA 23005

Laboratory ID: 100531

has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC thereby conforming to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories*. The above named laboratory, along with all premises from which key activities are performed, as listed above, have been accredited by AIHA-LAP, LLC in the following:

#### **LABORATORY ACCREDITATION PROGRAMS**

- |  |                                   |
|--|-----------------------------------|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: 04/01/2012 |
| <input type="checkbox"/> ENVIRONMENTAL LEAD            | Accreditation Expires:            |
| <input type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY    | Accreditation Expires:            |
| <input type="checkbox"/> FOOD                          | 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 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](http://www.aihaaccreditedlabs.org)) for the most current scope of accreditation.



*Dave Sandusky, CIH*  
Chairperson, Analytical Accreditation Board

Date Issued: 03/01/2010



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

**Analytics Corporation**  
10329 Stony Run Lane, Ashland, VA 23005

Laboratory ID: 100531  
Issue Date: 03/09/2010

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: 05/01/1981**

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>Gas Chromatography</b>	IHGC-P001	Acetone Cyanohydrin
		IHGC-P002	Methacrylate monomers and alcohols
		IHGC-P003	Vazo Compounds
		IHGC-P004	Cholorformate Compounds
		IHGC-P005	Monomethylform amide
		IHGC-P006	Dimethylsulfate
		IHGC-P008	Lauryl Acrylate & Lauryl Methacrylate (C16-18)
		IHGC-P010	3,4-Dichlorobenzotrifluoride
		IHGC-P011	Chloromethyl Methyl Ether (CMME) & Bis(Chloromethyl) ether (BCME)
		IHGC-P012	Primene 81R
		IHGC-P014	Epichlorohydrin
		IHGC-P015	Benzonitrile
		IHGC-P016	2-Vinyl Pyridine
		IHGC-P017	DBE (DUPONT Dibasic Esters-86001)
		IHGC-P018	Isobornyl Methacrylate
IHGC-P020	Triphenylphosphine		
IHGC-P023	n-&p-Octylamine		
IHGC-P025	Hydroxyethyl Acrylate, Hydroxyethyl Methacrylate, 2-Hydroxypropyl Acrylate, & 2-Hydroxypropyl Methacrylate		

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>Gas Chromatography</b>	IHGC-P028	Ethylene Dichloride
		IHGC-P029	Monomers & Solvents
		IHGC-P030	Isodecyl Methacrylate
		IHGC-P031	Phenothiazine
		IHGC-P032	Methyl Mercaptopropionate
		IHGC-P034	2-Ethylhexylnitrate
		IHGC-P036	Sampling and Analytical Method validation – Dibasic Acid Ester
		IHGC-P037	Triglycidyl isocyanurate by GC/NPD
		IHGC – 001 – OS7	JAIHA Vol. 47, No.12, p.742 (1986)
		ISO 18145	
		NIOSH 1000	
		NIOSH 1001	
		NIOSH 1002	
		NIOSH 1003	
		NIOSH 1005	
		NIOSH 1006	
		NIOSH 1007	
		NIOSH 1008	
		NIOSH 1009	
		NIOSH 1010	
		NIOSH 1011	
		NIOSH 1013	
		NIOSH 1015	
		NIOSH 1016	
		NIOSH 1018	
		NIOSH 1019	
		NIOSH 1020	
		NIOSH 1022	
		NIOSH 1024	
		NIOSH 1300	
		NIOSH 1301	
		NIOSH 1302	
		NIOSH 1400	
NIOSH 1401			
NIOSH 1402			
NIOSH 1403			
NIOSH 1450			
NIOSH 1452			
NIOSH 1454			
NIOSH 1457			



IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	Gas Chromatography	NIOSH 1458	
		NIOSH 1459	
		NIOSH 1500	
		NIOSH 1501	
		NIOSH 1550	
		NIOSH 1551	
		NIOSH 1552	
		NIOSH 1602	
		NIOSH 1606	
		NIOSH 1609	
		NIOSH 1610	
		NIOSH 1611	
		NIOSH 1612	
		NIOSH 1613	
		NIOSH 1614	
		NIOSH 1615	
		NIOSH 1616	
		NIOSH 1617	
		NIOSH 1619	
		NIOSH 2000	
		NIOSH 2002	
		NIOSH 2003	
		NIOSH 2004	
		NIOSH 2005	
		NIOSH 2007	
		NIOSH 2013	
		NIOSH 2014	
		NIOSH 2017	
		NIOSH 2500	
		NIOSH 2505	
		NIOSH 2507	
		NIOSH 2508	
		NIOSH 2513	
NIOSH 2516			
NIOSH 2517			
NIOSH 2518			
NIOSH 2519			
NIOSH 2523			
NIOSH 2524			
NIOSH 2526			
NIOSH 2527			
NIOSH 2528			
NIOSH 2529			



IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>Gas Chromatography</b>	NIOSH 2530	
		NIOSH 2537	
		NIOSH 2544	
		NIOSH 2551	
		NIOSH 2557	
		NIOSH 2558	
		NIOSH 2561	
		NIOSH 5004	
		NIOSH 5020	
		NIOSH 5034	
		NIOSH 5503	
		NIOSH 5517	
		NIOSH 5523	
		NIOSH 5600	
		NIOSH S155	
		NIOSH S274	
		NIOSH S3	
		OSHA 01	
		OSHA 07	
		OSHA 09	
		OSHA 100	
		OSHA 103	
		OSHA 104	
		OSHA 113	
		OSHA 16	
		OSHA 35	
		OSHA 37	
		OSHA 48	
		OSHA 51	
		OSHA 52	
		OSHA 56	
		OSHA 66	
OSHA 67			
OSHA 69			
OSHA 75			
OSHA 79			
OSHA 80			

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>Gas Chromatography</b>	OSHA 89	
		OSHA 91	
		OSHA 92	
		OSHA 94	
		OSHA 99	
		OSHA 1012	
		OSHA CSI	
		OSHA In-House	
		OSHA PV2021	
		OSHA PV2025	
		OSHA PV2041	
		OSHA PV2047	
		OSHA PV2055	
		OSHA PV2060	
		OSHA PV2061	
		OSHA PV2062	
		OSHA PV2080	
		OSHA PV2090	
		OSHA PV2130	
		OSHA PV2118	
		OSHA Stopgap	
	TO-10A		
	OSHA 102		
	<b>GC – Diffusive Sampler</b>	IHGC-P029	Determination of Monomers & Solvents
		NIOSH 1000	
		NIOSH 1002	
		NIOSH 1003	
		NIOSH 1005	
		NIOSH 1006	
		NIOSH 1007	
		NIOSH 1008	
		NIOSH 1009	
		NIOSH 1010	
NIOSH 1011			
NIOSH 1013			



IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>GC – Diffusive Sampler</b>	NIOSH 1019	
		NIOSH 1020	
		NIOSH 1022	
		NIOSH 1024	
		NIOSH 1300	
		NIOSH 1301	
		NIOSH 1302	
		NIOSH 1400	
		NIOSH 1401	
		NIOSH 1402	
		NIOSH 1403	
		NIOSH 1450	
		NIOSH 1452	
		NIOSH 1454	
		NIOSH 1457	
		NIOSH 1458	
		NIOSH 1459	
		NIOSH 1500	
		NIOSH 1501	
		NIOSH 1550	
		NIOSH 1551	
		NIOSH 1552	
		NIOSH 1602	
		NIOSH 1606	
		NIOSH 1609	
		NIOSH 1610	
		NIOSH 1611	
		NIOSH 1612	
		NIOSH 1613	
		NIOSH 1614	
NIOSH 1615			
NIOSH 1616			
NIOSH 1617			
NIOSH 1619			
NIOSH 2003			
NIOSH 2004			
NIOSH 2013			
NIOSH 2500			



IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	GC – Diffusive Sampler	NIOSH 2505	
		NIOSH 2508	
		NIOSH 2513	
		NIOSH 2516	
		NIOSH 2517	
		NIOSH 2529	
		NIOSH 2537	
		NIOSH S3	
		OSHA 01	
		OSHA 07	
		OSHA 09	
		OSHA 103	
		OSHA 113	
		OSHA 16	
		OSHA 35	
		OSHA 37	
		OSHA 48	
		OSHA 51	
		OSHA 56	
		OSHA 66	
		OSHA 69	
		OSHA 75	
		OSHA 79	
		OSHA 80	
		OSHA 89	
		OSHA 92	
		OSHA 94	
		OSHA 99	
	OSHA CSI		
	OSHA In-House		
	OSHA PV2021		
	OSHA PV2041		
	OSHA PV2061		
OSHA PV2062			
OSHA Stopgap			
HPLC	IHHPLC-P001	RODA(1,3-Bis(4-Aminophenoxy)Benzene)	
	IHHPLC-P002	4,5-Dicholor-2-N-Octyl-4-Isothiazolin-3-One (RH-287) & 2-N-Octyl-4-Isothiazolin-3-One (KATHON(R) 893 BIOCIDE)	

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	HPLC	IHHPLC-P003	Acrylamide & Methylolacrylamide
		IHHPLC-P004	Methacrylamide
		IHHPLC-P005	Acrylic acid & Methacrylic acid
		IHHPLC-P006	Hydroquinone, Monomethyl Ether (MEHQ)
		IHHPLC-P007	5-Chloro-2-Methyl-4-Isothiazolin-3-One & 2-Methyl-4-Isothiazolin-3-One on textile wipes
		IHHPLC-P008	2-Methyl-4-Isothiazolin-3-One & 5-Chloro-2-Methyl-4-Isothiazolin-3-One
		IHHPLC-001	Organic Compounds in Air by HPLC
		IHO-HPLC-002	Acyclovir in Air Samples
		IHO-HPLC-011	Bupropion Hydrochloride In Air Samples
		IHO-HPLC-012	Caprolactam in Air Samples
		IHO-HPLC-016	Digoxin in Air Samples by HPLC/UV
		IHO-HPLC-020	5-Fluorouracil in Air Samples
		IHO-HPLC-021	Fluticasone Propionate in Air Samples
		IHO-HPLC-025	Labetalol Hydrochloride in Air Samples
		IHO-HPLC-026	Lamivudine (3-TC) in Air Samples
		IHO-HPLC-028	Methacrylic Acid in Air Samples
		IHO-HPLC-029	Mivacurium Hydrochloride of In Air Samples
		IHO-HPLC-030	Mycophenolate Mofetil in Air Samples
		IHO-HPLC-037	Ranitidine in Air Samples
		IHO-HPLC-039	Sumatriptan Succinate in Air Samples
		IHO-HPLC-040	Valacyclovir in Air Samples
		IHO-HPLC-041	Zidovudine in Air by HPLC/UV
		IHO-HPLC-042	Lasalocid in Air Samples
IHO-HPLC-043	Tolcapone in Air Samples		

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>HPLC</b>	IHO-HPLC-044	Isobornyl Acrylate in Air Samples
		IHO-HPLC-046	Orlistat in Air Samples
		IHO-HPLC-047	Acetretin in Air Samples
		IHO-HPLC-049	Kathon in Air Samples (RH-573&RH-651)
		IHO-HPLC-050	Capecitabine in Air Samples
		IHO-HPLC-052	Nicardipine HCl in Air by HPLC/UV
		IHO-HPLC-054	Naproxen in Air Samples
		IHO-HPLC-055	Clonazepam in Air Samples
		IHO-HPLC-056	Ketorolac Tromethamine in Air Samples
		IHO-HPLC-057	Clidinium Bromide in Air Samples
		IHO-HPLC-058	Ethinyl Estradiol in Air by HPLC/UV
		IHO-HPLC-059	Norethindrone in Air by HPLC/UV
		IHO-HPLC-060	Flucytosine in Air by HPLC/UV
		IHO-HPLC-062	Mestranol in Air by HPLC with UV Detection
		IHO-HPLC-063	Pyridostigmine Bromide in Air by HPLC with UV Detection
		IHO-HPLC-066	Gancyclovir in Air by HPLC with UV Detection
		IHO-HPLC-067	Chlordiazepoxide HCl in Air by HPLC with UV Detection
		IHO-HPLC-068	Amytriptylene HCl in Air by HPLC with UV Detection
		IHO-HPLC-069	Flurazepam Dihydrochloride in Air by HPLC with UV Detection
		IHO-HPLC-070	Benzisothiazolin-3-one SOP
		NIOSH 2016	
NIOSH 2532			
NIOSH 2540			
NIOSH 5004			
NIOSH 5008			
NIOSH 5009			
NIOSH 5027			
NIOSH 5033			

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>HPLC</b>	NIOSH 5506	
		NIOSH 5509	
		NIOSH 5700	
		NIOSH P&CAM 302	
		NIOSH P&CAM 333	
		NIOSH P&CAM236	
		NIOSH S181	
		OSHA 108	
		OSHA 20	
		OSHA 25	
		OSHA 28	
		OSHA 32	
		OSHA 34	
		OSHA 39	
		OSHA 40	
		OSHA 41	
		OSHA 42	
		OSHA 47	
		OSHA 55	
		OSHA 60 Modified	
		OSHA CSI	
		OSHA PV2004	
		OSHA PV2125	
	OSHA Stopgap		
	<b>AA</b>	40 CFR Part 50 App. G	
		M-030	Analysis of Organic Tin by GFAA
		NIOSH 5504	
		NIOSH 6001	
		NIOSH 6007	
		NIOSH 6009	
		NIOSH 7024	
		NIOSH 7048	
		OSHA ID-105	
NIOSH 7102			
NIOSH 7105			
NIOSH S388 2nd Ed.			

<b>IHLAP Category</b>	<b>Field of Testing (FoT)</b>	<b>Method</b>	<b>Method Description</b> <i>(for internal methods only)</i>
<b>Core Program Testing</b>	<b>AA</b>	OSHA ID-145	
	<b>ICP</b>	40 CFR 50, App. G	
		M-044	Tetra-ethyl Lead on Charcoal Tube and Glass Fiber Filter by ICP
		M-45-MMT	Manganese (MMT) on Charcoal Tube and Glass Fiber Filter by ICP
		NIOSH 6007 Modified	
		NIOSH 7074 Modified	
		NIOSH S388 2nd Ed. Mod.	
		OSHA 1003	
		OSHA ID-105 Modified	
		OSHA ID-125	
		OSHA ID-206	
		NIOSH 7300 Modified	
		<b>XRD</b>	NIOSH 7500
	OSHA ID-142		
	<b>Titration</b>	NIOSH 7401	
	<b>Ion Chromatography</b>	IHIC-021	SOP for Analysis of Lactose in IH Samples by IC/Electrochemical Detection
		IHIC-P001	Analysis of Glycolic Acid by IC
		NIOSH 2011 Modified	
		NIOSH 3509 Modified	
		NIOSH 6004 Modified	
		NIOSH 6011	
		NIOSH 6013	
		NIOSH 6016	
		NIOSH 7903	
		OSHA 1008	
		OSHA ID-111	
		OSHA ID-113	
		OSHA ID-186SG	
OSHA ID-188			
OSHA ID-200			



IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	Ion Chromatography	OSHA ID-215	
		OSHA W4001	
	Gravimetric	40 CFR part 50 appendix B	
		40 CFR part 50 appendix J	
		40 CFR part 50 appendix L	
		EPA IP-10A	
		NIOSH 0500	
		NIOSH 0600	
		NIOSH 5000	
	ISE	NIOSH 6010 Modified	
		NIOSH 7902	
		NIOSH 7904	
	UV/VIS (Colorimetric)	NIOSH 3500	
		NIOSH 6014	
		NIOSH 7600	
OSHA VI-6			
IR	NIOSH 5026		
Phase Contrast Microscopy (PCM)	NIOSH 7400		
Beryllium Testing	AA - Graphite Furnace	NIOSH 7102 Modified	
	ICP	NIOSH 7300M	
		OSHA ID125G	

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

<input checked="" type="checkbox"/> Metals	<input checked="" type="checkbox"/> Organic Solvents
<input checked="" type="checkbox"/> Silica	<input checked="" type="checkbox"/> Diffusive Sampler (3M)
<input checked="" type="checkbox"/> Asbestos	<input type="checkbox"/> Diffusive Sampler (SKC)
<input type="checkbox"/> Bulk Asbestos	<input type="checkbox"/> Diffusive Sampler (AT)
<input checked="" type="checkbox"/> Beryllium	<input type="checkbox"/> WASP <sup>1</sup> (Formaldehyde)
<input type="checkbox"/> WASP <sup>1</sup> (Thermal Desorption Tubes)	
<input checked="" type="checkbox"/> Pharmaceutical Round Robin	
<input type="checkbox"/> Compressed/Breathing Air Round Robin	
<input type="checkbox"/> NVLAP (determined at the time of site assessment)	

<sup>1</sup> Workplace Analytical Scheme for Proficiency