



December 21, 2018

Laboratory ID: 102243

Samuel Yu
The Hong Kong Univ. of Sci. & Tech. - Health, Safety, & Environment Office Lab (HSEO)
Room 3107, 3rd Floor Hong Kong University of Science & Tech
Clear Water Bay, Kowloon, OTH, Hong Kong

Dear Mr. Yu:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved The Hong Kong Univ. of Sci. & Tech. - Health, Safety, & Environment Office Lab (HSEO) 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

The Hong Kong Univ. of Sci. & Tech. - Health, Safety, & Environment Office Lab (HSEO)

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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

- | | |
|---|---|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: January 01, 2021 |
| <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 17025:2017 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

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 Hong Kong Univ. of Sci. & Tech. - Health, Safety, & Environment Office Lab (HSEO)

Room 3107, 3rd Floor, Hong Kong University of Science & Tech
Clear Water Bay, Kowloon, Hong Kong

Laboratory ID: **102243**

Issue Date: 12/21/2018

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: 07/03/1996

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 1302	
			NIOSH 1400	
			NIOSH 1401	
			NIOSH 1403	
			NIOSH 1450	
			NIOSH 1453	
			NIOSH 1457	
			NIOSH 1500	
			NIOSH 1501	
			NIOSH 1550	
			NIOSH 1603	
			NIOSH 1606	
			NIOSH 1609	
			NIOSH 1610	
			NIOSH 1613	
			NIOSH 1615	
NIOSH 1617				
NIOSH 2000				
NIOSH 2004				

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	NIOSH 2500	
			NIOSH 2530	
			NIOSH 2537	
			NIOSH 2541	
			NIOSH 2546	
			NIOSH 5523	
			OSHA PV2011	
			OSHA PV2013	
			OSHA PV2022	
			OSHA PV2026	
			OSHA PV2047	
	OSHA PV2081			
	GC/MS		3M 3500	PAM006 - 3M Organic Vapor Monitor Sampling and Analysis Guide
			3M 3520	PAM006 - 3M Organic Vapor Monitor Sampling and Analysis Guide
			AT Organic Vapor Analytical Method	PAM006 - 3M Organic Vapor Monitor Sampling and Analysis Guide
			NIOSH 2549 Modified	
			SKC 575 Series Passive Sampler Method	PAM006
	Gas Chromatography (Diffusive Samplers)		3M 3500 / 3M 3520	PAM015: 3M Organic Vapor Monitor Sampling and Analysis Guide - 3M 3500 / 3M 3520 Analytes for 3M: Acetone, Acetonitrile, Benzene, 1-Butanol, n-Butyl Acetate, Butyl Acrylate, CS ₂ , Carbon Tetrachloride, Chloroform, Cyclohexane, 1,2-Dichloroethane, Dichloromethane, Diethyl Ether, Ethanol, Ethyl Acetate, Ethyl Benzene, 2-Ethyl Hexyl Acrylate, n-Heptane, n-Hexane, 1-Pentanol, 2-Propanol, PGME, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Methyl



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Chromatography Core	Gas Chromatography (Diffusive Samplers)		3M 3500 / 3M 3520	Methacrylate, Methyl Tert-Butyl Ether, 1-Methyl-2-Pyrrolidinone, Pyridine, Styrene, Tetrachloroethylene, Tetrahydrofuran, Toluene, Trichloroethylene, 1,1,1-Trichloroethane, Vinyl Acetate, o-Xylene
			SKC 575 Series Passive Sampler	PAM015: SKC 575 Series Passive Sampler Method Analytes: Acetone, Chloroform, Dichloromethane, Ethyl Acetate, n-Hexane, Tetrahydrofuran, o-Xylene
			AT Organic Vapor Analytical	PAM015: AT Organic Vapor Analytical Method Analytes: Benzene, Dichloromethane, Ethanol, Ethyl Acetate, n-Hexane, Petroleum ether, Tetrahydrofuran, Toluene
	Ion Chromatography (IC)		NIOSH 7903 OGAWA/OSHA ID-182 Modified	
	Liquid Chromatography	HPLC/UV	NIOSH 2016 OSHA 1007	
	Spectrometry Core	Inductively-Coupled Plasma	ICP/MS	NIOSH 7301 Modified
NIOSH 7303 Modified				
ICP/AES			SM 22, 3125 B Modified	PAM026
	NIOSH 7301			
Miscellaneous Core	Gravimetric		HSE MDHS14/3	
			NIOSH 0500 Modified	
			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>