



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

**The Hong Kong Univ. of Sci. & Tech. -
Health, Safety, &
Environment Office Lab (HSEO)**
Room 3107 and 3109, 3rd Floor, Hong Kong University
of Science & Tech Center, Clear Water Bay, Kowloon,
Hong Kong

Laboratory ID: LAP-102243

Issue Date: 07/14/2023

Expire Date: 07/01/2025

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) | Technology sub-type/Detector | Published Reference Method/Title of In-house Method | Component, parameter, characteristic, material, or product tested |
|----------------------|------------------------|------------------------------|---|--|
| Chromatography Core | Gas Chromatography | Diffusive Sampler | PAM015 - 3M Organic vapor monitor | Acetone, Acetonitrile, Benzene, 1-Butanol, n-Butyl acetate, Butyl acrylate, Carbon disulfide, Carbon tetrachloride, Chloroform, Cyclohexane, 1,2-Dichloroethane, Dichloromethane, Diethyl ether, Ethanol, Ethyl acetate, Ethyl benzene, 2-Ethyl hexyl acrylate, n-Heptane, n-Hexane, Isoflurane, 1-Pentanol, 2-Propanol, Propylene glycol methyl ether, Methyl ethyl ketone, Methyl isobutyl ketone, Methyl methacrylate, Methyl tert-butyl ether, 1-Methyl-2-pyrrolidinone, Phenyl ether, Pyridine, Styrene, Tetrachloroethylene, Tetrahydrofuran, Toluene, Trichloroethylene, 1,1,1-Trichloroethane, Vinyl acetate, o-Xylene |



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| Chromatography Core | Gas Chromatography | Diffusive Sampler | PAM015 - Assay Technology Passive Sampler | Acetone, Acetonitrile, Benzene, 1-Butanol, n-Butyl acetate, Butyl acrylate, Carbon disulfide, Carbon tetrachloride, Chloroform, Cyclohexane, 1,2-Dichloroethane, Dichloromethane, Diethyl ether, Ethanol, Ethyl acetate, Ethyl benzene, 2-Ethyl hexyl acrylate, n-Heptane, n-Hexane, Isoflurane, 1-Pentanol, 2-Propanol, Propylene glycol methyl ether, Methyl ethyl ketone, Methyl isobutyl ketone, Methyl methacrylate, Methyl tert-butyl ether, 1-Methyl-2-pyrrolidinone, Phenyl ether, Pyridine, Styrene, Tetrachloroethylene, Tetrahydrofuran, Toluene, Trichloroethylene, 1,1,1-Trichloroethane, Vinyl acetate, o-Xylene |
| Chromatography Core | Gas Chromatography | Diffusive Sampler | PAM015 - SKC 575 Passive Sampler | Acetone, Acetonitrile, Benzene, 1-Butanol, n-Butyl acetate, Butyl acrylate, Carbon disulfide, Carbon tetrachloride, Chloroform, Cyclohexane, 1,2-Dichloroethane, Dichloromethane, Diethyl ether, Ethanol, Ethyl acetate, Ethyl benzene, 2-Ethyl hexyl acrylate, n-Heptane, n-Hexane, Isoflurane, 1-Pentanol, 2-Propanol, Propylene glycol methyl ether, Methyl ethyl ketone, Methyl isobutyl ketone, Methyl methacrylate, Methyl tert-butyl ether, 1-Methyl-2-pyrrolidinone, Phenyl ether, Pyridine, Styrene, Tetrachloroethylene, Tetrahydrofuran, Toluene, Trichloroethylene, 1,1,1-Trichloroethane, Vinyl acetate, o-Xylene |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1003 | Halogenated Hydrocarbons |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1005 | Methylene Chloride |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1022 | Trichloroethylene |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1300 | Ketones I |



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| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1302 | n-Methyl-2-pyrrolidinone |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1400 | Alcohols I |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1401 | Alcohols II |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1403 | Alcohols IV |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1450 | Esters I |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1457 | Ethyl acetate |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1500 | Hydrocarbons |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1501 | Aromatic Hydrocarbons |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1550 | Naphthas |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1603 | Acetic Acid |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1606 | Acetonitrile |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1609 | Tetrahydrofuran |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1610 | Ethyl Ether |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1613 | Pyridine |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1615 | Methyl tert-butyl ether |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 1617 | Phenyl Ether |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2000 | Methanol |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2004 | Dimethylacetamide |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2500 | Methyl Ethyl Ketone |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2530 | Diphenyl |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2537 | Methyl methacrylate |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2541 | Formaldehyde |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 2546 | Phenol |
| Chromatography Core | Gas Chromatography | GC/FID | NIOSH 5523 | Glycols |
| Chromatography Core | Gas Chromatography | GC/FID | OSHA 5001 | Methanol |
| Chromatography Core | Gas Chromatography | GC/FID | OSHA PV2011 | Butyl acrylate |
| Chromatography Core | Gas Chromatography | GC/FID | OSHA PV2013 | Carbitol Acetate |
| Chromatography Core | Gas Chromatography | GC/FID | OSHA PV2022 | Biphenyl, Phenyl Ether |
| Chromatography Core | Gas Chromatography | GC/FID | OSHA PV2026 | 2-Ethyl Hexyl Acrylate |
| Chromatography Core | Gas Chromatography | GC/FID | OSHA PV2081 | Ethyl Lactate |
| Chromatography Core | Ion Chromatography (IC) | - | NIOSH 6016 | Ammonia |
| Chromatography Core | Ion Chromatography (IC) | - | NIOSH 7903 | Fluoride, Chloride, Nitrite, Nitrate, Phosphate, Sulfate |



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| Chromatography Core | Ion Chromatography (IC) | - | OGAWA/OSHA ID-182 Modified | Nitrogen dioxide |
| Chromatography Core | Liquid Chromatography | HPLC/UV | NIOSH 2016 | Formaldehyde |
| Chromatography Core | Liquid Chromatography | HPLC/UV | OSHA 1007 | Formaldehyde |
| Miscellaneous Core | Gravimetric | - | MDHS 14/3 | Respirable Dust |
| Miscellaneous Core | Gravimetric | - | NIOSH 0500 Modified | Total Dust |
| Miscellaneous Core | Gravimetric | - | NIOSH 0600 Modified | Respirable Dust |
| Spectrometry Core | Inductively-Coupled Plasma | ICP/AES | NIOSH 7301 | Al, Cd, Cr, Co, Cu, In, Fe, Pb, Mn, Ni, Ag, Na, Ti, V, Zn |
| Spectrometry Core | Inductively-Coupled Plasma | ICP/AES | NIOSH 7303 | Al, Cd, Cr, Co, Cu, In, Fe, Pb, Mn, Ni, Ag, Na, Ti, V, Zn |
| Spectrometry Core | Inductively-Coupled Plasma | ICP/MS | APHA Standard Method 22ed, 3125 | Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Ti, V, Zn |
| Spectrometry Core | Inductively-Coupled Plasma | ICP/MS | NIOSH 7301 | Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Ti, V, Zn |
| Spectrometry Core | Inductively-Coupled Plasma | ICP/MS | NIOSH 7303 | Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Pb, Mn, Hg, Ni, Se, Ag, Ti, V, Zn |

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