



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

CASSEN Testing Laboratories

51 International Blvd, Toronto, ON M9W 6H3 Canada

Laboratory ID: LAP-163061

Issue Date: 07/01/2025

Expire Date: 05/01/2027

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: 07/01/2005

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	MDHS 88	VOC in air
Chromatography Core	Gas Chromatography	Diffusive Sampler	NIOSH 4000	Toluene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1001	Tetrachloroethylene, Trichloroethylene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1002	Butylbenzene Ethylbenzene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1004	Methyl Ethyl Ketone
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1005	Benzene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1009	Butyl acetate
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1014	Styrene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1014 Modified	Styrene, solvent desorption and GCMS
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 1020	1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 106 Modified	Desflurane, Sevoflurane
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 111	Toluene
Chromatography Core	Gas Chromatography	Diffusive Sampler	OSHA 35 Modified	Naphthalene
Chromatography Core	Gas Chromatography	Diffusive Sampler	SOP M.1107	VOC - Modified OSHA 07
Chromatography Core	Gas Chromatography	GC/FID	ASTM D5705	Hydrogen sulfide
Chromatography Core	Gas Chromatography	GC/FID	ASTM D6021	Hydrogen sulfide

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Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - 2-Mercaptoethanol	2-Mercaptoethanol
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Alcohol and Hand Sanitizer	Ethanol, Methanol, Isopropyl alcohol (2-Propanol)
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Carboxin	Carboxin
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Chlorinated Pesticides/ Organophosphorus Pesticides	Aldrin a-BHC b-BHC d-BHC g-BHC 4,4-DDE 4,4-DDT 4,4-DDD Dieldrin a-Endosulfan β-Endosulfan Endosulfan Sulfate Endrin Endrin aldehyde Endrin ketone Heptachlor Heptachlor epoxide Methoxychlor Lindane
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Clothianidin	Clothianidin
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Difenoconazole	Difenoconazole
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Fludioxonil	Fludioxonil
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Fungicide	Fungicide
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Hydrogen Sulphide	Hydrogen Sulphide
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Matalaxyl-M	Matalaxyl-M
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Monoethanolamine	Monoethanolamine
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - N, N-Diethyl-2-aminoethanol	N, N-Diethyl-2-aminoethanol
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Nitrous Oxide	Nitrous Oxide
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Sulphur Gases	Sulphur Gases
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Thiamethoxam	Thiamethoxam
Chromatography Core	Gas Chromatography	GC/FID	CASSEN In House Method - Trifloxystrobin	Trifloxystrobin
Chromatography Core	Gas Chromatography	GC/FID	EPA 18 Modified	Acetylene, Butane, Ethane, Ethylene, Methane, Propane, Propylene
Chromatography Core	Gas Chromatography	GC/FID	EPA 18 Modified	Gaseous Organic Compound
Chromatography Core	Gas Chromatography	GC/FID	EPA 608 Modified	Organochlorine pesticides and Polychlorobiphenyls (PCBs)
Chromatography Core	Gas Chromatography	GC/FID	EPA 8015B	Nonhalogenated Organics
Chromatography Core	Gas Chromatography	GC/FID	EPA 8015C	Nonhalogenated Organics
Chromatography Core	Gas Chromatography	GC/FID	EPA 8015D	Nonhalogenated Organics
Chromatography Core	Gas Chromatography	GC/FID	MDHS 15	Carbon disulfide
Chromatography Core	Gas Chromatography	GC/FID	MDHS 17	Benzene



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Chromatography Core	Gas Chromatography	GC/FID	MDHS 20	Styrene
Chromatography Core	Gas Chromatography	GC/FID	MDHS 21	Glycol ether and glycol ether acetate vapours
Chromatography Core	Gas Chromatography	GC/FID	MDHS 96	VOC in air
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1000	Allyl chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003	Halogenated Hydrocarbons: Bromoform, Carbon Tetrachloride Chlorobenzene Chloroform Chlorotoluene, alpha- (Benzyl Chloride) 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethylene, cis-1,2-Dichloroethylene, trans-1,2-Dichloroethylene, 2,4-Dichlorophenol, Hexachloroethane 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethylene 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,2-Trichloroethane, 1,2,3-Trichloropropane, Trichloroethylene Methyl Chloroform (1,1,1-Trichloroethane)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005	Methylene Chloride (Dichloromethane)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1007	Vinyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1008	Dibromoethane, 1,2-
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1010	Epichlorohydrin
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1013	1,2-Dichloropropane, Propylene dichloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1014	Methyl iodide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1015	Vinylidene chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1018	Dichlorodifluoromethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1019	1,1,2,2-Tetrachloroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1022	Trichloroethylene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1024	1,3-Butadiene Isoprene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1025	1- & 2-Bromopropane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1300	Acetone Cyclohexanone 2,6-Dimethyl-4-heptanone, (Diisobutyl Ketone) 2-Hexanone Methyl Isobutyl



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				Ketone 2-Pentanone (Methyl n-Propyl Ketone)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1301	Camphor 2-Heptanone (Methyl n-amyl ketone) 3-Heptanone (Ethyl Butyl Ketone) 5-Methyl-3-heptanone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1302	n-Methyl-2-pyrrolidinone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400	tert-Butyl alcohol, Ethanol, Isopropyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1401	Butyl Alcohol (n-Butanol) Sec-Butyl Alcohol (2-Butanol) 2-Methyl-1-propanol (Isobutyl Alcohol) 1-Propanol (Propyl Alcohol)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1402	Allyl Alcohol Cyclohexanol Diacetone Alcohol 3-Methyl-1-Butanol, (Isoamyl Alcohol) 4-Methyl-2-pentanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1403	2-Butoxyethanol, Cellosolve (2-Ethoxyethanol) 2-Methoxyethanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1405	n-Butyl alcohol n-Propyl alcohol Cyclohexanol sec-Butyl alcohol Allyl alcohol Isoamyl alcohol Isobutyl alcohol Diacetone alcohol Methyl isobutyl carbinol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1450	Amyl Acetate Butyl Acetate, Cellosolve Acetate (2-Ethoxyethyl Acetate) Ethyl Acrylate Isoamyl Acetate Methylisoamyl Acetate Propyl Acetate Vinyl Acetate Isobutyl Acetate sec-Butyl Acetate tert-Butyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1451	2-Methoxyethyl acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1452	Ethyl formate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1453	Vinyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1454	Isopropyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1457	Ethyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1458	Methyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1459	Methyl Acrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1460	Isopropyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500	Hydrocarbons: Cyclohexane n-Decane n-Dodecane n-Heptane

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				n-Hexane Methyl Cyclohexane Methyl Cyclopentane n-Nonane n-Octane n-Pentane n-Tetradecane n-Tridecane n-Undecane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501	Aromatic hydrocarbons: Propylbenzene Benzene p-tert-Butyltoluene Cumene Ethylbenzene .alpha.-Methylstyrene .beta.-Methylstyrene n-Octylbenzene Styrene Toluene 1,2,3-Trimethylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, m-Xylene, o-Xylene, p-Xylene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550	Petroleum Naphtha VM&P Naphtha Coal Tar Naphtha Kerosene Jet Fuel Petroleum Ether Stoddard Solvent Mineral Spirit Rubber Solvent
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1551	Turpentine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1552	Terpenes: Limonene, alpha.-Pinene, .beta.-Pinene, 3-Carene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1600	Carbon disulfide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1600	Carbon disulfide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1602	1,4-Dioxane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1604	Acrylonitrile
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 1612	Propylene oxide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1613	Pyridine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1614	Ethylene Oxide
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000	Methanol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2005	Nitrobenzene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2007	Monoethanolamine, Diethanolamine, Triethanolamine
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2010	Aliphatic amines



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Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2500	2-Butanone, Methyl ethyl ketone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2505	Furfuryl alcohol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2508	Isophorone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2517	Pentachloroethane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2519	Ethyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2521	Methyl cyclohexanone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2529	Furfural
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2537	Ethyl Methacrylate, Methyl Methacrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2542	Methyl Mercaptan
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2543	Hexachloro-1,3-butadiene
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2546	Cresol (p-, m- or o-) Phenol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2552	Methyl Acrylate
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2553	2-Heptanone, 3-Heptanone, 5-Methyl-3-heptanone, 4-methylpent-3-en-2-one, Camphor
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2554	Diethylene Glycol Ethyl Ether Acetate Diethylene Glycol Methyl Ether (2-(2-Methoxyethoxy)ethanol) Diethylene Glycol Monoethyl Ether
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2555 Modified	2-Hexanone, 2-Methyl-3-pentanone
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2558	Acetoin
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5026 Modified	Oil Mist, Mineral
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5500	Ethylene glycol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5503	Polychlorobiphenyls (PCBs)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5523	Ethylene glycol; Propylene glycol Diethylene glycol
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5600 Modified	Organophosphorus pesticides
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 5601 Modified	Organonitrogen pesticides
Chromatography Core	Gas Chromatography	GC/FID	OSHA 04	Vinyl Chloride
Chromatography Core	Gas Chromatography	GC/FID	OSHA 05	Chloroform
Chromatography Core	Gas Chromatography	GC/FID	OSHA 09	Styrene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1001	Tetrachloroethylene, Trichloroethylene



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Chromatography Core	Gas Chromatography	GC/FID	OSHA 1002	m-Xylene, o-Xylene, p-Xylene Butylbenzene Ethylbenzene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1004	Methyl Ethyl Ketone
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1005	Benzene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1009	Isobutyl Acetate Butyl Acetate Tert-Butyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 101	Diethylene Glycol Methyl Ether Dipropylene Glycol Methyl Ether
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1010	Ethylene Oxide
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1013	Acetoin Diacetyl
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1016	2,3-Pentadione
Chromatography Core	Gas Chromatography	GC/FID	OSHA 1024	Triglycidyl Isocyanurate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 103	Isoflurane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 104	Diethyl Phthalate (DEP) Dimethyl Phthalate (DMP) Di-n-octyl Phthalate (DNOP) Dibutyl Phthalate (DBP) Di-2-Ethylhexyl Phthalate (DEHP)
Chromatography Core	Gas Chromatography	GC/FID	OSHA 106	Desflurane, Sevoflurane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 109	Isopropyl alcohol
Chromatography Core	Gas Chromatography	GC/FID	OSHA 11	1,1,2-Trichloroethane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 113	1,1-Dichloro-1-fluoroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 12	Benzene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 14	Methyl Chloroform (1,1,1-Trichloroethane)
Chromatography Core	Gas Chromatography	GC/FID	OSHA 15	1-Nitropropane and 2-Nitropropane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 19	1,1-Dichloroethane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 46	1-Nitropropane and 2-Nitropropane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 48	Mineral Spirit Petroleum Distillate Fraction
Chromatography Core	Gas Chromatography	GC/FID	OSHA 49	Ethylene Oxide
Chromatography Core	Gas Chromatography	GC/FID	OSHA 5000	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	OSHA 5001	Alcohols I
Chromatography Core	Gas Chromatography	GC/FID	OSHA 53	2-Methoxyethanol, 2-methoxyethyl acetate, 2-Ethoxyethanol, and 2-Ethoxyethyl acetate



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Chromatography Core	Gas Chromatography	GC/FID	OSHA 56	1,3-Butadiene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 62	Chlorpyrifos Dichlorvos Glysophate Parathion
Chromatography Core	Gas Chromatography	GC/FID	OSHA 66	N,N-Dimethylformamide
Chromatography Core	Gas Chromatography	GC/FID	OSHA 67 Modified	Chlordane
Chromatography Core	Gas Chromatography	GC/FID	OSHA 69	Acetone
Chromatography Core	Gas Chromatography	GC/FID	OSHA 70 Modified	Pyrethrum
Chromatography Core	Gas Chromatography	GC/FID	OSHA 71	MOCA
Chromatography Core	Gas Chromatography	GC/FID	OSHA 79	2-Methoxyethanol, 2-Methoxyacetate, 2-Ethoxyethanol, 2-Ethoxyethyl acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 80	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	OSHA 83	2-Butoxyethyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 89	Divinylbenzene, ethylvinylbenzene, and styrene
Chromatography Core	Gas Chromatography	GC/FID	OSHA 94	Methyl methacrylate
Chromatography Core	Gas Chromatography	GC/FID	OSHA 99	1-Methoxy-2-Propanol (1M2P), 2-Methoxy-1-Propanol (2M1P), 1-Methoxy-2-Propyl Acetate (1M2PA), 2-Methoxy-1-Propyl Acetate (2M1PA)
Chromatography Core	Gas Chromatography	GC/FID	OSHA IMIS Code No. P145 (2-Phenoxyethanol)	2-Phenoxyethanol
Chromatography Core	Gas Chromatography	GC/FID	OSHA IMIS Code No. S775 (Sevoflurane)	Sevoflurane
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2009	Benzyl Alcohol
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2011	Butyl acrylate
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2013	Carbitol (2-(2-Ethoxyethoxy)ethanol) Diethylene Glycol Diethyl Ether (Bis(2-ethoxyethyl) Ether)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2016	Cyclohexylamine
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2020	Dimethyl glutarate
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2022	Biphenyl, Phenyl Ether
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2024	Ethylene glycol
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2026	2-Ethylhexyl acrylate
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2028	Gasoline
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2029	Heptachlor
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2031	2-Hexanone

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Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2036	Limonene
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2040	Methyl Bromide
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2042	Methyl isoamyl ketone
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2047	Paraffin Wax Fume
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2051	Propylene glycol
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2060	Triethylamine, trimethylamine
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2085	4-tert-Butylphenol
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2088	Chlorodiphenyl (54% Chlorine)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2089	Chlorodiphenyl (42% Chlorine)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2091	1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2095	Butyl Carbitol (Ethanol, 2-(2-butoxyethoxy)-) Diethylene Glycol Monobutyl Ether Acetate (2-(2-Butoxyethoxy)ethyl Acetate)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2108	Butylated Hydroxyl Toluene (BHT) (Di-tert-butyl-p-Cresol)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2118	Butanedione, 2,3- (Diacetyl)
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2123	Morpholine
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2124	Benzyl acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2137	Cumene
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2138	n-Octane
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2139	Kerosene
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2141	Triethanolamine
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2142	n-Amyl Acetate, Isoamyl Acetate
Chromatography Core	Gas Chromatography	GC/FID	OSHA PV2295	Pyridine
Chromatography Core	Gas Chromatography	GC/MS	ASTM D-1696-03	Cellulose
Chromatography Core	Gas Chromatography	GC/MS	ASTM D3606	Benzene and Toluene in ignition fuel
Chromatography Core	Gas Chromatography	GC/MS	ASTM D4526	VOC in polymers
Chromatography Core	Gas Chromatography	GC/MS	ASTM D5580	BTEX, C9 and heavier aromatics in Gasoline
Chromatography Core	Gas Chromatography	GC/MS	ASTM D5769	Benzene, Toluene, and Total Aromatics in Gasoline
Chromatography Core	Gas Chromatography	GC/MS	ASTM D6196-03	VOC in air

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Chromatography Core	Gas Chromatography	GC/MS	ASTM D6661-10	Organic compounds from surfaces
Chromatography Core	Gas Chromatography	GC/MS	ASTM D7706-17	VOC Emissions
Chromatography Core	Gas Chromatography	GC/MS	ASTM D7823-20	Phthalates
Chromatography Core	Gas Chromatography	GC/MS	CARB Method 429	PAHs
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House - Permethrin	Permethrin
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - 1,2-Ethanediamine, N,N,N,N'-tetramethyl-	1,2-Ethanediamine, N,N,N,N'-tetramethyl-
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - 9,10-Epoxysearic acid	1-Naphthylacetic Acid; 2-Methyl-1-naphthoic acid; 2-Naphthylacetic acid; 4-Methyl-1-naphthoic acid
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Acrylates	Acrylates
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Acrylates	Methyl acrylate, Ethyl acrylate, Methyl methacrylate, Ethyl methacrylate, 2-hydroxyethyl acrylate, 2-Hydroxyethyl methacrylate, Hydroxypropyl methacrylate, Ethylene glycol dimethacrylate
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Acrylates and Acetates	Methyl Acrylate, Ethyl Acrylate, 2-Ethylhexyl acetate, 2-Ethylhexyl acrylate (EHA), 2-Ethylhexyl methacrylate (EHMA), Ethyl methacrylate Ethylhexyl methacrylate (EHMA), Hydroxyethyl acrylate, Hydroxypropyl methacrylate, Methyl acrylate, Methyl methacrylate, Ethylene glycol dimethacrylate
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Alcohol and Hand Sanitizer	Acetaldehyde, Acetal, Acetone, Amyl alcohol, Benzene, n-butanol (1-butanol), sec-butanol (2-butanol), Ethyl acetate, Isoamyl alcohol (3-methyl-1-butanol), Isobutanol (2-methyl-1-propanol), Isopropyl Alcohol (2-Propanol), Methanol, n-Propanol (1-Propanol), other impurities
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Amphetamine Methamphetamine Ecstasy (MDMA), MDEA	Amphetamine Methamphetamine Ecstasy (MDMA), MDEA

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	GC/MS	CASSEN In House Method - Arson	Arson (Ignitable liquids)
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Carfentanil and Fentanyl	Carfentanil and Fentanyl
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Chlorinated Pesticides/ Organophosphorus Pesticides	Aldrin, #-BHC, #-BHC, #-BHC, g-BHC, 4,4'-DDE, 4,4'-DDT 4,4'-DDD, Dieldrin, #-Endosulfan, #-Endosulfan, Endosulfan Sulfate, Endrin, Endrin aldehyde, Endrin ketone, Heptachlor, Heptachlor epoxide, Methoxychlor, Lindane, Alachlor, Ametryn, Atraton, Atrazine, Azinphos-methyl (Guthion), Bromacil, Butachlor, Chlorpropham, Chlorpyrifos (Dursban), Cinerin I, Cinerin II, Cyanazin, Devrinol, Dichlorvos, Dimethoate, Diphenamid, Disulfoton, Dual (Metolachlor), Eptam (EPTC), Ethoprophos (MOCAP), Famphur, Fenarimol, Fenchlorphos (RONNEL), Fluridone, Hexachlorocyclopentadiene, Hexazinone, Jasmodin I, Jasmodin II, Malathion, Methyl Paraoxon, Methyl Parathion, Metolachlor (Dual), MGK-264, Norflurazon, O,O,O-Triethylphosphorothioate, Ordram (Molinate), Parathion, Permethin, Phorate, Prometon, Prometryn, Pronamide (Kerb), Propachlor, Propazine, Prothiofos (Tokuthion), Pyrethrin I, Pyrethrin II, Ro-Neet (Cycloate), Simazine, Simetryn, Sulfotep, Sutan (Butylate), Tebuthion, Terbacil, Terbutryn, Thionazin, Tillam, Triadimefon, Tricyclazol, Vernam
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Cigarette Smoke	Acrolein Acrylonitrile Benzene 1,3-Butadiene m/p-Cresol 2,5-Dimethyl Pyrazine Methenamine Methyl Pyrazine 3-Methyl Pyridine 1-Methyl-1HPyrrole 2-Methyl-1HPyrrole Nicotine Nicotyrine N-

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
				Nitrosodimethylamine o-Cresol Phenol Pyrazine Pyridine Pyrrole 3-Vinylpyridine
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Codeine	Codeine
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Hexamethylenetetramine	Hexamethylenetetramine
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Illicit Drug	Caffeine Codeine Diazepam (Valium) Flunitrazepam Heroin LSD Methadone Morphine Oxycodone Phencyclidine (PCP)
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Illicit Drug	Illicit Drug
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Isooctyl acrylate	Isooctyl acrylate
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Permethrin	Permethrin
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Phthalate Esters	Phthalate Esters
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE)	Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE)
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Propiconazole	Propiconazole
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Pyrazine	Pyrazine
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - Tebuconazole	Tebuconazole
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - W18	W18
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - gamma-Butyrolactone	gamma-Butyrolactone
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method - gamma-Buyrolactone	gamma-Buyrolactone
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In House Method Naphthylacetic acid	Naphthylacetic acid
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In-House Method - Fragrance	Pentyl Acetate Benzaldehyde Benzyl Acetate Benzyl Alcohol Camphene Coumarin o- Cymene Geraniol Acetate 1-Hexanol beta-Ionone Isoamyl Acetate Limonene Linalool 4-Methylanisole 2-Phenylethyl Acetate Phenylethyl Alcohol alpha-Pinene
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In-House Method - Levoglucosan NREL/TP-5100-65889	Levoglucosan
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In-House Method - Tear Gas	2-Chloroacetophenone (CN), 2-



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
				Chlorobenzalmononitrile (CS), α -Chlorotoluene
Chromatography Core	Gas Chromatography	GC/MS	CASSEN In-House Method Naphthenic Acid	Naphthenic Acid
Chromatography Core	Gas Chromatography	GC/MS	ECA Report No. 19	TVOC in indoor air quality
Chromatography Core	Gas Chromatography	GC/MS	EPA 18 Modified	Gaseous Organic Compound
Chromatography Core	Gas Chromatography	GC/MS	EPA 325	VOC from Fugitive Area
Chromatography Core	Gas Chromatography	GC/MS	EPA 3500C	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 3500C	SVOC
Chromatography Core	Gas Chromatography	GC/MS	EPA 3510C	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 3550C	VOC Butylphenol, 2-tert- Di-sec-butyl-p-phenylenediamine, N,N'-(Topanol M) 2,6-Di-tert-Butylphenol, 2,4,6-Tri-tert-butylphenol
Chromatography Core	Gas Chromatography	GC/MS	EPA 3810	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 3810 Modified	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 5021	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 5021A	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 5035	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 5035 Modified	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 550	PAHs
Chromatography Core	Gas Chromatography	GC/MS	EPA 550 Modified	PAHs
Chromatography Core	Gas Chromatography	GC/MS	EPA 600/R-03/072	Characterization of spilled oils, fuels, and petroleum products
Chromatography Core	Gas Chromatography	GC/MS	EPA 608 Modified	Organochlorine pesticides and Polychlorobiphenyls (PCBs)
Chromatography Core	Gas Chromatography	GC/MS	EPA 625/R-96	Inorganic compounds in ambient Air
Chromatography Core	Gas Chromatography	GC/MS	EPA 8010B	Halogenated VOC
Chromatography Core	Gas Chromatography	GC/MS	EPA 8020A	Aromatic VOC
Chromatography Core	Gas Chromatography	GC/MS	EPA 8030A	Acrolein and Acrylonitrile
Chromatography Core	Gas Chromatography	GC/MS	EPA 8032A	Acrylamide by GCMS
Chromatography Core	Gas Chromatography	GC/MS	EPA 8040B	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 8260B R-02	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 8260C	VOCs
Chromatography Core	Gas Chromatography	GC/MS	EPA 8265 Modified	VOCs

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Chromatography Core	Gas Chromatography	GC/MS	EPA 8270D	Semi Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	EPA 8270D R-04	Semi Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	EPA 8270D R-04 Modified	Semi Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	EPA TO-13A	Polycyclic Aromatic Hydrocarbons (PAHs)
Chromatography Core	Gas Chromatography	GC/MS	EPA TO-17	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	IEC 62321:2008	Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE)
Chromatography Core	Gas Chromatography	GC/MS	ISO 16000-25:2011	Semi Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	ISO 16000-6:2011	VOCs
Chromatography Core	Gas Chromatography	GC/MS	ISO 16017-1	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	ISO 16017-1:2000	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	ISO 16017-2	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	ISO 18562-3:2017	VOCs
Chromatography Core	Gas Chromatography	GC/MS	MDHS 53/2	1,3-Butadiene
Chromatography Core	Gas Chromatography	GC/MS	MDHS 63/2	1,3-Butadiene
Chromatography Core	Gas Chromatography	GC/MS	MDHS 72	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	MDHS 80	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/MS	MDHS 94/2	Pesticides
Chromatography Core	Gas Chromatography	GC/MS	MDHS 94/2 Modified	Pesticides
Chromatography Core	Gas Chromatography	GC/MS	Modified NIOSH 5503	Polychlorobiphenyls (PCBs)
Chromatography Core	Gas Chromatography	GC/MS	Modified OSHA P448	Permethrin
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 2549	Volatile organic compounds (Screening)
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 2549	Volatile organic compounds in bulk material
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 2549 Modified	Volatile organic compounds (Screening)
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5020 Modified	Dibutyl Phthalate, Di(2-ethylhexyl) Phthalate
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5034	Tributyl Phosphate
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5037	Triorthocresyl phosphate
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5038	Triphenyl phosphate
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5515	Polycyclic Aromatic Hydrocarbons (PAHs)
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5515 Modified	Polycyclic Aromatic Hydrocarbons (PAHs)

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Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5528	Polycyclic Aromatic Hydrocarbons (PAHs)
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5600 Modified	Organophosphorus pesticides
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 5601 Modified	Organonitrogen pesticides
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 9106	Amphetamine Ecstasy (MDMA) MDEA (3,4-Methylenedioxy-N-ethylamphetamine) Methamphetamine
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 9106 Modified	Methamphetamine and Illicit Drugs, Precursors and Adulterants on Wipes
Chromatography Core	Gas Chromatography	GC/MS	NIOSH 9111 Modified	Methamphetamine on Wipes
Chromatography Core	Gas Chromatography	GC/MS	OSHA 104 Modified	Di-n-Octyl Phthalate (DNOP) Dimethyl Phthalate (DMP), Diethyl Phthalate (DEP), Dibutyl Phthalate (DBP), Di-2-Ethylhexyl Phthalate (DEHP)
Chromatography Core	Gas Chromatography	GC/MS	OSHA 21 Modified	Acrylamide
Chromatography Core	Gas Chromatography	GC/MS	OSHA 39 Modified	Pentachlorophenol
Chromatography Core	Gas Chromatography	GC/MS	OSHA 58 Modified	Coal Tar Pitch Volatiles
Chromatography Core	Gas Chromatography	GC/MS	OSHA IMIS Code Number: P448 (Modified)	Permethrin
Chromatography Core	Gas Chromatography	GC/MS	OSHA IMIS Code Number: P448 Modified	Permethrin
Chromatography Core	Gas Chromatography	GC/MS	OSHA P448 Modified	Permethrin
Chromatography Core	Gas Chromatography	GC/MS	OSHA PV2004	Acrylamide
Chromatography Core	Gas Chromatography	GC/MS	UNODC methods for Amphetamine, Methamphetamine	Amphetamine, Methamphetamine
Chromatography Core	Gas Chromatography	GC/MS	UNODC methods for illicit drugs	i.e. Cocaine, Morphine, Heroin, LSD
Chromatography Core	Ion Chromatography (IC)	-	CASSEN In House Method - Aminoethanol compounds (Modified NIOSH 2007)	Aminoethanol compounds
Chromatography Core	Ion Chromatography (IC)	-	CASSEN In House Method - Chloric Acid	Chloric Acid
Chromatography Core	Ion Chromatography (IC)	-	CASSEN In House Method - Perchloric Acid	Perchloric Acid
Chromatography Core	Ion Chromatography (IC)	-	CASSEN In House Method - Sulphur Monochloride	Sulfur Monochloride
Chromatography Core	Ion Chromatography (IC)	-	CASSEN In House Method - Trichloroamine	Trichloroamine
Chromatography Core	Ion Chromatography (IC)	-	CASSEN In House Method - Perchloric Acid	Perchloric Acid
Chromatography Core	Ion Chromatography (IC)	-	EPA 300.0	Inorganic anions



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	Ion Chromatography (IC)	-	EPA 300.1	Anions
Chromatography Core	Ion Chromatography (IC)	-	EPA 314.0	Perchlorate
Chromatography Core	Ion Chromatography (IC)	-	EPA 9056	Inorganic anions
Chromatography Core	Ion Chromatography (IC)	-	INRS-104	Nitrogen Trichloride (Trichloramine)
Chromatography Core	Ion Chromatography (IC)	-	Modified OSHA PV2119	Acetic Acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 2011	Formic acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 3509 Modified	Diethanolamine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6004	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6011	Bromine, Chlorine
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6013	Hydrogen sulfide
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 6016	Ammonia
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7906	Fluorine, Fluoride, Hydrogen Fluoride
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7907	Hydrobromic Acid Hydrochloric Acid Nitric Acid Phosphoric Acid
Chromatography Core	Ion Chromatography (IC)	-	NIOSH 7908	Sulphuric Acid (Hydrogen Sulphate)
Chromatography Core	Ion Chromatography (IC)	-	OSHA 1008	Hydrogen sulfide
Chromatography Core	Ion Chromatography (IC)	-	OSHA 1011	Sulfur dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA 202	Chlorine dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-165SG	Hydrobromic Acid Nitric Acid Phosphoric Acid Sulfuric Acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-174SG	Hydrochloric Acid (Hydrogen Chloride)
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-182	Nitrogen dioxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-186SG	Acetic Acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-188	Ammonia
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-190	Nitric Oxide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-211 Modified	Sodium Azide
Chromatography Core	Ion Chromatography (IC)	-	OSHA ID-214	Ozone
Chromatography Core	Ion Chromatography (IC)	-	OSHA PV2119 Modified	Acetic Acid
Chromatography Core	Ion Chromatography (IC)	-	OSHA PV2141 Modified	Triethanolamine
Chromatography Core	Ion Chromatography (IC)	-	OSHA PV2293 Modified	Propionic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	ASTM D5197	Formaldehyde and other carbonyl compounds
Chromatography Core	Liquid Chromatography	HPLC/UV	ASTM D6007	Formaldehyde

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Chromatography Core	Liquid Chromatography	HPLC/UV	ASTM D6561	Hexamethylene Diisocyanate (HDI) (with MOPIP)
Chromatography Core	Liquid Chromatography	HPLC/UV	ASTM D6562	Hexamethylene Diisocyanate (HDI) (with MAMA)
Chromatography Core	Liquid Chromatography	HPLC/UV	ASTM E1333	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Thymol	Thymol
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - 1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione	1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - 3,3'-Diaminobenzidine	3,3'-Diaminobenzidine
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Abietic Acid	Abietic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Amine	Amines
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Citric Acid	Citric Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - DMDM Hydantoin	DMDM Hydantoin
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Glyoxal	Glyoxal
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Herbicide	Herbicide
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - IPBC	IPBC
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Meropenem	Meropenem
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Oxymetazoline	Oxymetazoline
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Peroxyacetic Acid	Peroxyacetic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	CASSEN In House Method - Sodium Carbonate and Trisodium Phosphate	Sodium Carbonate and Trisodium Phosphate
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA 0100	Formaldehyde and other carbonyl compounds
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA 218.6 Modified	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA 550	PAHs
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA 8330A	Nitroaromatics and Nitramines
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA IP 6A	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	EPA IP-6C	Acetaldehyde Acrolein Benzaldehyde Crotonaldehyde Formaldehyde Glutaraldehyde Hexanal Methacrolein Nonanal Propionaldehyde m-Tolualdehyde Valeraldehyde

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	Liquid Chromatography	HPLC/UV	EPA TO-11A	Acetaldehyde Acrolein Benzaldehyde Crotonaldehyde Formaldehyde Glutaraldehyde Hexanal Methacrolein Nonanal Propionaldehyde m-Tolualdehyde Valeraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	ISO 14184-1:2011 Modified	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	ISO 16000-3	Acetaldehyde Acrolein Benzaldehyde Crotonaldehyde Formaldehyde Glutaraldehyde Hexanal Methacrolein Nonanal Propionaldehyde m-Tolualdehyde Valeraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	ISO 16000-4	Acetaldehyde Acrolein Benzaldehyde Crotonaldehyde Formaldehyde Glutaraldehyde Hexanal Methacrolein Nonanal Propionaldehyde m-Tolualdehyde Valeraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	MDHS 102	Aldehydes
Chromatography Core	Liquid Chromatography	HPLC/UV	MDHS 25/4	Organic isocyanates
Chromatography Core	Liquid Chromatography	HPLC/UV	MDHS 85/2	Triglycidyl isocyanurate
Chromatography Core	Liquid Chromatography	HPLC/UV	MDHS 98/3	Hydroquinone
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2014	Chlorophenol, 4- (Parachlorophenol)
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2016	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2018	Acetaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2532	Glutaraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 2540	Ethylenediamine
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5001	Dichlorophenoxyacetic Acid, 2,4- (2,4-D) Silvex (2,4,5-TP) Trichlorophenoxyacetic acid, 2,4,5 (2,4,5-T)
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5004	Hydroquinone
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5005	Thiram
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5041	Capsaicin
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5506	PAHs



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	Liquid Chromatography	HPLC/UV	NIOSH 5521	Isocyanates, Monomeric
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5522	Isocyanates
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5525	Isocyanates, total (MAP)
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5601	Organonitrogen pesticides
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5700	Formaldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 5700	Formaldehyde on Dust (Textile or Wood)
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH 7605 Modified	Hexavalent Chromium
Chromatography Core	Liquid Chromatography	HPLC/UV	NIOSH S228	Picric Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 1007	Acetaldehyde Acrolein Benzaldehyde Crotonaldehyde Formaldehyde Glutaraldehyde Hexanal Nonanal Propionaldehyde m-Tolualdehyde Valeraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 108	Hydrazine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 25	Maleic Anhydride
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 28	Acrylic Acid
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 39	Pentachlorophenol
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 5002 Modified	Diisocyanates
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 5002 Modified	Isophorone diisocyanate
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 5002 Modified	Methylene Bisphenyl Isocyanate (MDI)
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 5002 Modified	HDI (1,6-Hexamethylene Diisocyanate) TDI, 2,4- (Toluene-2,4-Diisocyanate) TDI, 2,6- (Toluene-2,6-Diisocyanate)
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 5002 Modified	HMDI (Methylene bis(4-Cyclohexylisocyanate))
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 58	Phenanthrene, Anthracene, Pyrene, Chrysene, Benzo[a]pyrene
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 60	Diethylenetriamine
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 64 Modified	Glutaraldehyde
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 78	Diphenylamine/ n-isopropylaniline
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA 81	Crotonaldehyde (2-Butenal)
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA ID-211 Modified	Azides
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2005	Acrylic Acid Methacrylic acid



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Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2012	Caprolactam
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2049	Picloram
Chromatography Core	Liquid Chromatography	HPLC/UV	OSHA PV2116	Aminoethylethanolamine
Chromatography Core	Liquid Chromatography	HPLC/UV	SOP M.4736 - Benzoyl Peroxide	Benzoyl Peroxide
Chromatography Core	Liquid Chromatography	HPLC/UV	SOP M.4738 - Limonin	Limonin
Chromatography Core	Liquid Chromatography	HPLC/UV	SOP M.4739 - Mupirocin	Mupirocin
Miscellaneous Core	Gravimetric	-	CARB MLD SOP SAS 01	Total Volatile Measurement
Miscellaneous Core	Gravimetric	-	MDHS 14/4	Respirable and Inhalable particulates
Miscellaneous Core	Gravimetric	-	MDHS 84/2	Oil Mist, Mineral
Miscellaneous Core	Gravimetric	-	NIOSH 0500	Total Particulates
Miscellaneous Core	Gravimetric	-	NIOSH 0501	Total Particulates
Miscellaneous Core	Gravimetric	-	NIOSH 0600	Respirable Particulates
Miscellaneous Core	Gravimetric	-	NIOSH 5000	Carbon Black
Miscellaneous Core	Gravimetric	-	NIOSH 5023	Coal Tar Pitch Volatiles
Miscellaneous Core	Gravimetric	-	NIOSH 5026	Oil Mist, Mineral
Miscellaneous Core	Gravimetric	-	NIOSH 5042 Modified	Benzene-Soluble Fraction and Total Particulates
Miscellaneous Core	Gravimetric	-	NIOSH 5524	Metal Working Fluids
Miscellaneous Core	Gravimetric	-	OSHA 58	Coal Tar Pitch Volatiles
Miscellaneous Core	Gravimetric	-	OSHA ID-196	Carbon Black
Miscellaneous Core	Gravimetric	-	OSHA PV2121	Gravimetric Determination
Miscellaneous Core	Infrared	FTIR	ASTM E1252	Infrared Spectra for Qualitative Analysis
Miscellaneous Core	Infrared	FTIR	NIOSH 7602	Silica
Miscellaneous Core	Ion-selective electrode (ISE)	-	EPA 150.1	pH Measurement
Miscellaneous Core	Ion-selective electrode (ISE)	-	EPA 9040C	pH Electrometric Measurement
Miscellaneous Core	Ion-selective electrode (ISE)	-	EPA 9041A	pH Paper Method
Miscellaneous Core	Ion-selective electrode (ISE)	-	MDHS 56/3	Hydrogen Cyanide
Miscellaneous Core	Ion-selective electrode (ISE)	-	NIOSH 7401	Alkaline dusts
Miscellaneous Core	Ion-selective electrode (ISE)	-	NIOSH 7902	Fluorides
Miscellaneous Core	Ion-selective electrode (ISE)	-	NIOSH 7904 Modified	Cyanide, Aerosol and Gas
Miscellaneous Core	Ion-selective electrode (ISE)	-	OSHA ID-120	Cyanide Salts



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Spectrometry Core	Atomic Absorption	CVAF	EPA 1631	Mercury
Spectrometry Core	Atomic Absorption	CVAF	EPA 245.7	Mercury
Spectrometry Core	Atomic Absorption	CVAF	EPA 3200	Mercury
Spectrometry Core	Atomic Absorption	CVAF	EPA 7470A Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAF	EPA 7471B Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAF	NIOSH 6009 Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAF	OSHA ID-140 Modified	Mercury
Spectrometry Core	Atomic Absorption	CVAF	OSHA ID-145 Modified	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	CASSEN In House Method - Phosphorus	Phosphorus
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	CASSEN In House Method-Dysprosium	Dysprosium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	CASSEN In House Method-Praseodymium	Praseodymium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	CASSEN In House Method-Sulfur	Sulfur
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	CASSEN In House Method-Terbium	Terbium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 202.1 Modified	Aluminum
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 202.4 Modified	Antimony
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 208.1 Modified	Barium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 210.1 Modified	Beryllium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 213.1 Modified	Cadmium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 215.1 Modified	Calcium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 218.1 Modified	Chromium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 219.1 Modified	Cobalt
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 220.1 Modified	Copper
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 231.1 Modified	Gold
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 236.1 Modified	Iron
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 239.1 Modified	Lead
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 242.1 Modified	Magnesium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 243.1 Modified	Manganese
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 246.1 Modified	Molybdenum
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 249.1 Modified	Nickel



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Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 253.1 Modified	Palladium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 255.1 Modified	Platinum
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 258.1 Modified	Potassium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 265.1 Modified	Rhodium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 267.2 Modified	Ruthenium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 272.1 Modified	Silver
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 273.1 Modified	Sodium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 279.1 Modified	Thallium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 282.1 Modified	Tin
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 283.1 Modified	Titanium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 286.1 Modified	Vanadium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 289.1 Modified	Zinc
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	EPA 6010C	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	MDHS 10/2 Modified	Cadmium and inorganic compounds of cadmium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	MDHS 12/2 Modified	Chromium and inorganic compounds of chromium
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	MDHS 16/2	Mercury and its inorganic divalent compounds in air
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	MDHS 6/3 Modified	Lead and inorganic compounds of lead
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 6001	Arsine
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 6009 Modified	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7013 Modified	Aluminum and inorganic compounds of aluminum, as Al
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7020 Modified	Calcium and inorganic compounds of calcium, as Ca
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7024 Modified	Chromium and inorganic compounds of chromium, as Cr
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7027 Modified	Cobalt and inorganic compounds of cobalt, as Co
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7029 Modified	Copper (dust and fume)
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7030 Modified	Zinc and inorganic compounds of zinc, as Zn
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7048 Modified	Cadmium and inorganic compounds of cadmium, as Cd



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Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7056 Modified	Barium, soluble compounds
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7074 Modified	Tungsten (soluble and insoluble)
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7082 Modified	Lead
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7102 Modified	Beryllium and inorganic compounds of beryllium, as Be
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7300	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7302	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7303	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7304	Elements
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7405 Modified	Alkali Metal Cations
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 7901 Modified	Arsenic Trioxide (as Arsenic)
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 9100	Lead in Surface Wipe Samples
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	NIOSH 9102	Elements on wipes
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA 1023	Beryllium and Compounds as Be
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA 5003	Metals
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA ID-121 Modified	Metal and Metalloid particulates
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA ID-121 Modified	Aluminum
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA ID-125G	Metal and Metalloid particulates in workplace atmosphere
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA ID-145 Modified	Mercury
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA ID-206	Silver Beryllium Cadmium Copper Lead Antimony Tin Zinc
Spectrometry Core	Inductively-Coupled Plasma	ICP/OES	OSHA ID-213	Tungsten (soluble and insoluble)
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 3500	Formaldehyde
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6010	Hydrogen Cyanide
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 6014	Nitrogen dioxide
Spectrometry Core	UV/VIS (Colorimetric)	-	NIOSH 7600	Hexavalent Chromium
Spectrometry Core	UV/VIS (Colorimetric)	-	OSHA 1019	Hydrogen Peroxide

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