



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.

Unique Scopes Laboratory Accreditation Programs (Unique Scopes)

Initial Accreditation Date: 11/01/2021

Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description (for internal methods only)
CPSC	IC-CD	Halogen (Bromide, Chloride and Fluoride) in Consumer Products	EPA 300.0	SOP M.8705
Cannabis Testing	GC/MS	delta-Tetrahydrocannabinol (THC), Cannabinol, Cannabidiol, Terpenes	UNODC For Cannabis and Cannabis Products	SOP M.3005
Consumer Product Testing	GC/MS	Characterization of compounds in food and beverages	CARB SOP MLD SASO6	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 3510	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Characterization of surfactants, alcohol ephoxylates, quats in cleaning products	ASTM D4526	SOP M.3017
			EPA 3500C	SOP M.3017
			EPA 3510	SOP M.3017
			EPA 5021	SOP M.3017
			EPA 8260	SOP M.3017
			EPA 8270	SOP M.3017
		Characterization of the compounds (VOCs) emitted from Clothing	ASTM D4526	SOP M.2401
			CARB SOP MLD SASO6 Modified	SOP M.2401

Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description (for internal methods only)
			EPA 5021	SOP M.2401
		Characterization of the pyrolysis products of wood and bio-oil	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 3510	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Characterization of unknown materials	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 3510	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Determination and characterization of compounds in bio-oil	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 3510	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Determination and characterization of compounds in consumers products including cleaning and personal care products	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 3510	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Determination and characterization of compounds in electronic devices	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017

Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description (for internal methods only)
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Determination and characterization of compounds in paper products	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		Determination and characterization of pesticide in consumer products	CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 608 Modified	SOP M.2804/SOP M.3017
		Determination of the emission of acrylates and acetates from nail polishes	SOP M.2404	Internal Method - SOP M.2404
		Flame Retardant (PBDEs, PBBs)	SOP M.2816	Internal Method - SOP M.2816
		Impurities in raw alcohol/Hand Sanitizer	USP Scope - Alcohol	SOP M.0004
		Odour investigation in indoor, outdoor and industrial environments	EPA TO-17	SOP M.2401
			ISO 16017	SOP M.2401
		Qualitative determination of compounds in consumers products	CARB SOP MLD SASO6	SOP M.2804
		Trihalomethanes in water	EPA 501.3	SOP M.2804
	Gas Chromatography	Ethanol, IPA, Methanol in raw alcohol/ Hand Sanitizer	USP Scope - Alcohol	SOP M.0004
	HPLC	Carbonyl compounds in water	EPA 554	SOP M.4703
	ICP-OES	Lead in Paint	CPSC-CH-E1003-09.1	SOP M.101204
			EPA 3051A	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Phosphorus in Consumer Products	EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Sulphur in Consumer Products	EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204

Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description (for internal methods only)
	Liquid Chromatography	Sodium Carbonate and Trisodium Phosphate in Anti-microbial solution	Internal Method - SOP M.4731	SOP M.4731
Forensics	GC/MS	Amphetamine, Methamphetamine determination in indoor environments	UNODC methods for Amphetamine, Methamphetamine	SOP M.3005
		Characterization of spilled oils, fuels and petroleum products	ASTM D3606 Modified	EPA 3500C
			ASTM D5580 Modified	EPA 3500C
			ASTM D5769	EPA 3500C
			EPA 3500C	EPA 3500C
			EPA 3510	EPA 3500C
		Determination of the presence of hazardous organics in manufactured products	ASTM D4526	EPA 3500C
			EPA 3500C	EPA 3500C
			EPA 3510	EPA 3500C
			EPA 5021	EPA 3500C
			EPA 8260	EPA 3500C
			EPA 8270	EPA 3500C
		Fire debris for ignitable liquid residue	ASTM E1412	SOP M.2405
			ASTM E1618	SOP M.2405
		Illicit drugs determination in indoor environments	UNODC methods for illicit drugs (i.e. Cocaine, Mophine, Heroin, LSD)	SOP M.3005
		Organochlorine pesticides and Polychlorobiphenyls (PCBs)	EPA 608 Modified	SOP M.2821
Formaldehyde	HPLC	Bio-Oil	NIOSH 5700	SOP M.4721
		Flooring material	NIOSH 5700	SOP M.4721
		Insulation material	NIOSH 5700	SOP M.4721
		Textile	ISO 14184-1:2011 Modified	SOP M.4721
			ISO 14184-3	SOP M.4721
		Wood and dust	NIOSH 5700	SOP M.4721
GC/MS	GC/MS	Specification comparison of suspected products	ASTM D4526	SOP M.2804/SOP M.3017
			CARB SOP MLD SASO6 Modified	SOP M.2804/SOP M.3017
			EPA 3500C	SOP M.2804/SOP M.3017
			EPA 3510	SOP M.2804/SOP M.3017
			EPA 5021	SOP M.2804/SOP M.3017

Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description (for internal methods only)
			EPA 8260	SOP M.2804/SOP M.3017
			EPA 8270	SOP M.2804/SOP M.3017
		VOC from fugitive and area sources	EPA 325	
Gravimetric	Microbalance	Dust and Particulate	NIOSH 0500	SOPM.6901
		Total Volatile Measurement	CARB MLD SOP SAS 01	SOP M.6904
IC	IC-CD	Ammonia in Consumer products	CARB MLD SOP SAS 02	SOP M.8707
		Anions in Cleaning Products	EPA 300.0	SOP M.8705
			EPA 9056	SOP M.8705
		Anions in Consumer products	EPA 300.0	SOP M.8705
			EPA 9056	SOP M.8705
		Anions in Electronic Devices	EPA 300.0	SOP M.8705
			EPA 9056	SOP M.8705
		Anions in Food and Beverages	EPA 300.0	SOP M.8705
			EPA 9056	SOP M.8705
ICP-OES	ICP-OES	Determination of Metals and Trace Elements in Water and Wastes	EPA 200.7	SOP M.101204
		Elemental content in Cleaning Products	EPA 3051A	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Elemental content in Food and Beverages	EPA 3051A	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Metal in Construction Materials	EPA 3051A	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Metal in Consumer Products	EPA 3051A	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Metal in Electronic Devices	EPA 3051A	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Metals in Oils, oil sludges, tars, waxes, paints, paint	EPA 3031	SOP M.101204



Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter, characteristic, material, or product tested	Method	Method Description (for internal methods only)
		sludges and other viscous petroleum products	EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
		Metals in oil	EPA 3031	SOP M.101204
			EPA 6010C	SOP M.101204
			EPA 6010D	SOP M.101204
Miscellaneous Core	Microscope	Microscopic Image	CASSEN In-house method	SOP M.0005
	PH Meter	PH in water	EPA 9040B	SOP M.7003
	Refractive Index	Refractive Index in common solvent	CASSEN In-house method	SOP M.0010
	Titration	Water in Materials	EPA 9000	SOP M15001
	Turbidimeter	Turbidity by Nephelometry	EPA 180.1	SOP M16001
			EPA 2130 B	SOP M16001
Qualitative Testing	FTIR with ATR	Polymers, Consumer products, Finished products	ASTM E1252	SOP M.13001
	Microscope	Consumer products	SOP M.0005	Internal Method - SOP M.0005

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