



# 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: 09/08/2022

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 or characteristic tested	Method	Method Description (for internal methods only)
Cannabis Testing	GC/MS	delta-9-THC	SOP M.2812	CASSEN In House Method - delta-9-THC
		delta-9-THC, Cannabinol, Cannabidiol, Terpenes	SOP M.3017	CASSEN In house Method - delta-9-THC, Cannabinol, Cannabidiol, Terpenes
		delta-9-THC, Cannabinol, cannabidiol (wipe samples)	SOP M.3005	CASSEN In house Method- delta-9-THC, Cannabinol, Cannabidiol
Consumer Product Testing	GC/MS	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	SOP M.0004	USP Monograph - Alcohol / CASSEN In House Method - Alcohol and Hand Sanitizer
		Characterization of compounds in food and beverages	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		Characterization of surfactants, alcohol ephoxylates, quats in cleaning products	EPA 3500C	SOP M.3017
		Characterization of the compounds (VOCs) emitted from Clothing	SOP M.2401	CARB SOP MLD SASO6 Modified
		Characterization of the pyrolysis products of wood and bio-oil	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified

Effective: 06/07/2022

Revision: 2.2

Page 1 of 4

Unique Scopes Scope Category	Field of Testing (FOT)	Component, parameter or characteristic tested	Method	Method Description (for internal methods only)
		Characterization of unknown materials	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		Determination and characterization of compounds in bio-oil	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		Determination and characterization of compounds in consumers products including cleaning and personal care products	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		Determination and characterization of compounds in electronic devices	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		Determination and characterization of compounds in paper products	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		Determination and characterization of pesticide in consumer products	SOP M.2804	CARB SOP MLD SASO6 Modified
			SOP M.3017	CARB SOP MLD SASO6 Modified
		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	SOP M.0004	USP Monograph - Alcohol
		Odour investigation in indoor, outdoor and industrial environments	EPA TO-17	SOP M.2401
			ISO 16017	SOP M.2401
		Specification comparison of suspected products	EPA 3500C	SOP M.3017
			SOP M.2804	CARB SOP MLD SASO6 Modified
		VOC from fugitive and area and sources	EPA 325	SOP M.2401
	Water Determination in Consumer Products	SOP M.2801	CARB MLD SOP SAS04	
	Gas Chromatography	Ethanol, IPA, Methanol in raw alcohol/ Hand Sanitizer	SOP M.0004	USP Monograph - Alcohol
	Inductively-Coupled Plasma	Elemental content in Cleaning Products	SOP M.101204	CASSEN In house method
		Elemental content in Food and Beverages	SOP M.101204	CASSEN In house method
		Lead in Paint	SOP M.101204	CASSEN In house method
		Metal in Construction Materials	SOP M.101204	CASSEN In house method
		Metal in Consumer Products	SOP M.101204	CASSEN In house method
		Metal in Electronic Devices	SOP M.101204	CASSEN In house method

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		Metals in Oils, oil sludges, tars, waxes, paints, paint sludges and other viscous petroleum products	EPA 3031	SOP M.101204
		Phosphorus in Consumer Products	SOP M.101204	CASSEN In house method
		Sulphur in Consumer Products	SOP M.101204	CASSEN In house method
	Ion Chromatography (IC)	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	
	Liquid Chromatography	Halogen (Bromide, Chloride and Fluoride) in Consumer Products	EPA 300.0	SOP M.8705
		Sodium Carbonate and Trisodium Phosphate in Anti-microbial solution	SOP M.4731	
	Wood and dust	NIOSH 5700	SOP M.4721	
Forensics	GC/MS	Amphetamine, Methamphetamine determination in indoor environments	SOP M.3005	CASSEN In house - Illicit Drug
		Arson (Ignitable liquids)	SOP M.2405	CASSEN In House - Arson
		Characterization of spilled oils, fuels and petroleum products	EPA 3500C	SOP M.2806
		Determination of the presence of hazardous organics in manufactured products	EPA 3500C	SOP M.2801
		Fire debris for ignitable liquid residue	ASTM E1413	SOP M.2405, SOP M.2804
			ASTM E1618	SOP M.2405, SOP M.2804
		Illicit drugs determination in indoor environments	SOP M.3005	CASSEN In house - Illicit Drug
		Organochlorine pesticides and Polychlorobiphenyls (PCBs)	EPA 608 Modified	SOP M.2821
Wood Preservative	ASTM D1413	SOP M.2804		
Formaldehyde	Liquid Chromatography	Bio-Oil	NIOSH 5700	SOP M.4721
		Flooring material	NIOSH 5700	SOP M.4721



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		Insulation material	NIOSH 5700	SOP M.4721
		Textile	ISO 14184-1:2011 Modified	SOP M.4721
Gravimetric	-	Dust and Particulate	NIOSH 0500	SOP M.6901
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>