



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

CASSEN Testing Laboratories

Laboratory ID: LAP-163061

51 International Blvd, Toronto, ON M9W 6H3 Canada

Issue Date: 01/31/2023
Expire Date: 12/01/2024

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) |
|------------------------------|------------------------|--|------------|---|
| 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 |



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|---------------------------------|--|---|-----------------------------|--|
| | | Characterization of the pyrolysis products of wood and bio-oil | EPA 3500C | SOP M.3017 |
| | | | SOP M.2804 | CARB SOP MLD SASO6 Modified |
| | | 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 |

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|--|-------------------------|--|---|---|--------------------------------|
| | | 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 | |
| | | 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 |
| | | Anions in Consumer products | EPA 9056 | SOP M.8705 | |
| | | | EPA 300.0 | SOP M.8705 | |
| | | Anions in Electronic Devices | EPA 9056 | SOP M.8705 | |
| | | | EPA 300.0 | SOP M.8705 | |
| | | Anions in Food and Beverages | EPA 9056 | SOP M.8705 | |
| | | | EPA 300.0 | SOP M.8705 | |
| | | Halogen (Bromide, Chloride and Fluoride) in Consumer Products | EPA 300.0 | SOP M.8705 | |
| | | | | | |
| | Liquid Chromatography | Sodium Carbonate and Trisodium Phosphate in Anti-microbial solution | SOP M.4731 | Internal Method - 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 | |



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|------------------------------|------------------------|---|---------------------------|--|
| | | 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 |
| | | 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>