



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Can-Lab, LLC
27610 College Park Drive, Suite C
Warren, MI 48088

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 14 October 2022

Certificate Number: AT-2913



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Can-Lab, LLC

27610 College Park Drive, Suite C
Warren, MI 48088

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TESTING

Valid to: **October 14, 2022**

Certificate Number: **AT-2913**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	LOQ
Heavy Metals Analysis	ICP-MS	Cannabis and Cannabis Products	PerkinElmer NexION1000 ICP-MS	Cr: 0.28 µg/g Ni: 0.196 µg/g As: 0.016 µg/g Cd: 0.006 µg/g Hg: 0.0269 µg/g Pb: 0.005 µg/g Cu: 0.296 µg/g



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Residual Solvent Analysis	GC/MS	Cannabis and Cannabis Products	PerkinElmer Claurus 690/SQ-8T GC/MS	<p>N-Propane: 0.072 µg/mL isobutane (2-Methyl propane): 0.072 µg/mL N-Butane: 0.072 µg/mL Neopentane (2,2-dimethylpropane): 0.072 µg/mL Methanol: 0.072 µg/mL Ethylene oxide (Oxirane): 0.0072 – 20 µg/mL 2-Methylbutane: 0.072 µg/mL Ethanol: 0.072 µg/mL N-Pentane: 0.072 µg/mL Ethyl Ether (diethyl ether): 0.072 µg/mL Acetone: 0.072 µg/mL 2,2-Dimethylbutane (neohexane): 0.072 µg/mL Isopropyl Alcohol: 0.072 µg/mL Acetonitrile: 0.072 µg/mL Methylene Chloride (dichloromethane): 0.072 µg/mL 2-methylpentane: 0.072 µg/mL 2,3-Dimethylbutane: 0.072 µg/mL 3-methylpentane: 0.072 µg/mL N-Hexane: 0.072 µg/mL Ethyl Acetate 0.072 µg/mL Chloroform: 0.0072 – 20 µg/mL Benzene: 0.0072-20 µg/mL 1,2-Dichloroethane: 0.0072 – 20 µg/mL N-Heptane: 0.072 µg/mL Trichloroethene: 0.0072 – 20 µg/mL Toulene: 0.072 µg/mL m,p Xylene: 0.072 µg/mL o-Xylene: 0.072 µg/mL</p>
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Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	LOQ
Terpene Profile Analysis	GC/MS	Cannabis and Cannabis Products	PerkinElmer Claurus 690/SQ-8T GC/MS	a- Pinene: 0.057µg/g Camphene: 0.101µg/g b- Myrcene: 0.139µg/g b- Pinene: 0.062µg/g 3- Carene: 0.089µg/g a- Terpinene: 0.102µg/g Limonene: 0.118µg/g Cis-b-Ocimene: 0.074µg/g Eucalyptol: 0.236µg/g y-Terpinene: 0.071µg/g Terpinolene: 0.177µg/g Linalool: 0.252 µg/g Isopulegol: 0.708µg/g Geraniol: 0.252µg/g Trans-b-Caryophyllene: 0.376µg/g Cis-Nerolidol 1.076µg/g Trans-Nerolidol: 1.045µg/g Guaiol: 0.795µg/g Caryophyllene Oxide: 0.889µg/g
Vitamin E Acetate	LC/MS	Cannabis and Cannabis Products	PerkinElmer MS QSight420 +UHPLC Qsight LX50 LC/MS	Tocopherol acetate: 0-0004 µg/g
Total Cannabinoids/Potency	HPLC	Cannabis and Cannabis Products	PerkinElmer Flexar HPLC	CBDVA: 0.015 Wt% CBDV: 0.015 Wt% CBDA: 0.015 Wt% CBGA: 0.015 Wt% CBG: 0.015 Wt% CBD: 0.015 Wt% THCv: 0.015 Wt% CBN: 0.015 Wt% d9-THC: 0.015 Wt% d8-THC: 0.015 Wt% THCA: 0.015 Wt% CBC: 0.015 Wt%
Total Water Activity	Water Activity by Dew Point	Cannabis and Cannabis Products	AQUALAB 4TE Water Activity Meter	0.003 Aw



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Pesticides Analysis	LC/MS	Cannabis and Cannabis Products	PerkinElmer MS QSight420 +UHPLC Qsight LX50 LC/MS	<p>Abamectin: 0.003 µg/g Acephate: 0.013 µg/g Acequinocyl: 0.024 µg/g Acetamiprid: 0.001 µg/g Aldicarb: 0.001 µg/g Azoxystrobin: 0.001 µg/g Bifenazate: 0.001 µg/g Bifenthrin: 0.001 µg/g Boscalid: 0.009 µg/g Carbaryl: 0.001 µg/g Carbofuran: 0.001 µg/g Chloantranilprole: 0.001 µg/g Chlorfenapyr: 0.136 µg/g Chlorpyrifos: 0.001 µg/g Cinerin I: 0.004 µg/g Clofentezine: 0.001 µg/g Cyfluthrin: 0.019 µg/g Cypermethrin: 0.015 µg/g Daminozide: 0.001 µg/g Diazinon: 0.001 µg/g Dichlorvos: 0.001 µg/g Dimethoate: 0.001 µg/g Ethoprophos: 0.001 µg/g Etofenprox: 0.001 µg/g Etoxazole: 0.001 µg/g Fenoxycarb: 0.001 µg/g Fenpyroximate: 0.001 µg/g Fipronil: 0.003 µg/g Fludioxonil: 0.001 µg/g Flonicamide: 0.001 µg/g Hexythiazox: 0.001 µg/g Imazalil: 0.006 µg/g Imidacloprid: 0.001 µg/g Jasmolin I: 0.003 µg/g Kresoxym-methyl: 0.001 µg/g Malathion: 0.001 µg/g Metalaxyl: 0.001 µg/g Methiocarb: 0.001 µg/g Methomyl: 0.002 µg/g Methyl parathion: 0.006 µg/g MGK-264: 0.072 µg/g Myclobutanil: 0.001 µg/g Naled: 0.003 µg/g Oxamyl: 0.010 µg/g Paclobutrazol: 0.001 µg/g Permethrin: 0.071 µg/g</p>
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Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	LOQ
				Phosmet:0.001 µg/g Prallethrin: 0.003 µg/g Propiconazole: 0.001 µg/g Propoxur: 0.001µg/g Pyrethrin I: 0.001µg/g Pyridaben: 0.001 µg/g Spinosyn A: 0.001 µg/g Spinosyn D: 0.001µg/g Spiromefesin: 0.001 µg/g Spirotetramat: 0.003 µg/g Spiroxamine: 0.001 µg/g Tebuconazole: 0.001 µg/g Thiacloprid: 0.001 µg/g Thiamethoxam: 0.001 µg/g Trifloxystrobin: 0.001 µg/g
Foreign Matter/Filth Analysis	Surface Area Analysis	Cannabis and Cannabis Products	Video Microscope Surface Area Analysis	N/A

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	LOQ
Total Yeast and Mold, Coliforms, E. Coli, Aspergillus, Salmonella	qPCR	Cannabis and Cannabis products	Aglient AriaMX Real-Time PCR System qPCR	Total Yeast and Mold: 1.0600 CFU Total Coiforms: 1.0800 CFU E. Coli/STEC/Salmonella: 0.941500 CFU
Gender Detection	qPCR	Cannabis	Aglient AreaMX Real-Time PCR System qPCR	N/A
Total Yeast and Mold, Coliforms,	Plating	Cannabis and Cannabis products	3M Total Coliform and 3M Rapid Yeast and Mold Plates	Total Yeast and Mold: 1000 CFU Total Coliforms: 100 CFU

Sampling

Sampling Type	Specification, Standard, Method, or Sampling Technique	Activity
Grab	SAMPLE 01 MRA “Sampling And Testing Technical Guidance For Marijuana Products”	Cannabis and Cannabis Products

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2913.



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