CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

SC Laboratories
27610 College Park Drive, Suite C
Warren, MI 48088

Fulfills the requirements of

ISO/IEC 17025:2017

and the

MICHIGAN MARIJUANA REGULATORY AGENCY (CRA), MARIJUANA SAMPLING AND TESTING ACCREDITATION PROGRAM

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.

Jason Stine, Vice President

Expiry Date: 14 October 2026

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

MICHIGAN CANNABIS REGULATORY AGENCY (CRA), MARIJUANA SAMPLING AND TESTING ACCREDITATION PROGRAM

SC Laboratories

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TESTING

Valid to: **October 14, 2026** 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 (including beverages)	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

Residual Solvent Analysis	GC/MS	Cannabis and Cannabis Products (including beverages)	PerkinElmer Claurus 690/SQ-8T GC/MS	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 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 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 µg/mL Toulene: 0.072 µg/mL m,p Xylene: 0.072 µg/mL o-Xylene: 0.072 µg/mL

Terpene Profile Analysis	GC/MS	Cannabis and Cannabis Products (including beverages)	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-Caryophylene: 0.376µg/g Cis-Nerolidol 1.076µg/g Trans-Nerolidol: 1.045µg/g Guaiol: 0.795µg/g Caryophylene Oxide: 0.889µg/g Limonene: 0.522 mg/g β-Myrcene: 0.5512 mg/g Linalool: 0.6294 mg/g β-Caryophyllene: 0.6309 mg/g β-Pinene: 0.5135 mg/g trans-Nerolidol: 0.3485 mg/g α-Pinene: 0.4642 mg/g Fenchol: 0.5248 mg/g Cedrol: 0.5267 mg/g α-Terpineol: 0.5462 mg/g α-Humulene: 0.7264 mg/g α-Bisabolol: 0.5368 mg/g Camphene: 0.4724 mg/g Valencene: 0.5529 mg/g α-Ocimene: 0.2038 mg/g Borneol: 0.5155 mg/g Caryophyllene Oxide: 0.6367 mg/g Terpinolene: 0.4915 mg/g trans-β-Farnesene: 0.6865 mg/g (+)-Pulegone: 0.6284 mg/g (-)-Isopulegol: 0.5769 mg/g α-Cedrene: 0.5729 mg/g

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 (continued)	GC/MS	Cannabis and Cannabis Products (including beverages)	PerkinElmer Claurus 690/SQ-8T GC/MS	α-Phellandrene: 0.3365 mg/g α-Terpinene: 0.4882 mg/g β-Ocimene: 0.3614 mg/g Camphor: 0.4671 mg/g cis-Nerolidol: 0.2101 mg/g Citronellol: 0.4426 mg/g Eucalyptol: 0.5895 mg/g Fenchone: 0.6072 mg/g γ-Terpinene: 0.5283 mg/g γ-Terpineol: 0.1013 mg/g Geraniol: 0.5783 mg/g Geranyl Acetate: 0.6106 mg/g Isoborneol: 0.5077 mg/g Menthol: 0.5356 mg/g Nerol: 0.4689 mg/g p-Cymene: 0.5762 mg/g Sabinene: 0.4982 mg/g Sabinene Hydrate: 0.5587 mg/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 or Agilent 1260 HPLC	CBDVA: 0.064 mg/g CBDV: 0.120 mg/g CBDA: 0.068 mg/g CBGA: 0.070 mg/g CBG: 0.130 mg/g CBD: 0.130 mg/g THCV: 0.140 mg/g CBN: 0.054 mg/g d9-THC: 0.140 mg/g d8-THC: 0.15 mg/g THCA: 0.077 mg/g CBC: 0.059 mg/g THCVA: 0.0635 Wt% CBNA: 0.0981 Wt% CBL: 0.1834 Wt% CBCA: 0.2274 Wt%

Pesticides Analysis	LC/MS	Cannabis and Cannabis Products (including beverages)	PerkinElmer MS QSight420 +UHPLC Qsight LX50 LC/MS	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 Chloantraniliprole: 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 Flunicamide: 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

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	LOQ
Pesticides Analysis (continued)	LC/MS	Cannabis and Cannabis Products (including beverages)	PerkinElmer MS QSight420 +UHPLC Qsight LX50 LC/MS	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
Total Water Activity	Water Activity by Dew Point	Cannabis and Cannabis Products	AQUALAB 4TE Water Activity Meter	0.003 Aw
pH	pH Method Verification - Beverages	Cannabis Beverages	pH Meter	-2.0 pH
MCT Oil	GC/FID	Cannabis Vape Products	Thermo Scientific Trace 1310 Gas Chromatograph	Glycerol tricapronate (C6): 10.58 ug/g Glycerol tricaprylate (C8): 10.214 ug/g Glycerol tricaprate (C10): 8.424 ug/g Glycerol trilaurate (C12): 3.737 ug/g

Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology	LOQ
E. Coli, Aspergillus, Salmonella	qPCR	Cannabis and Cannabis Products (including beverages)	Biomerieux Gene-Up Realtime PCR	E. Coli/STEC/Salmonella: 0.941500 CFU

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,	Plating	Cannabis and Cannabis Products (including beverages)	3M Total Coliform and 3M Rapid Yeast and Mold Plates	Total Yeast and Mold: 1000 CFU Total Coliforms: 100 CFU

Sample Collection

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.

Jason Stine, Vice President