



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DEMETER LABORATORY
14524 Cantrell Road
Little Rock, AR 72223
Eric Wallis Phone: 405-605-0720

CHEMICAL

Valid To: October 31, 2023

Certificate Number: 5306.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on medical cannabis, concentrates, extracts, products, and edibles:

<u>Test/Technology(ies)</u>	<u>Test Method(s)</u>
<u>Cannabinoid Content/Potency by LC/MS</u> d9-THC THCA CBD CBDA CBDV CBGA CBG THCV CBN d8-THC CBC Total THC Total CBD	TEC.012
<u>Heavy Metals by ICP/MS</u> Cd Pb Ar Hg	TEC.018
<u>Pesticide Screening by GC/MS and LC/MS</u> Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin	TEC.006

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<u>Test/Technology(ies)</u>	<u>Test Method(s)</u>
<u>Pesticide Screening by GC/MS and LC/MS (cont.)</u> Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Cyfluthrin Cypermethrin Daminozide DDVP (Dichlorvos) Diazinon Dimethoate Ethoprophos Etofenprox Etoxazole Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl parathion MGK-264 Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Piperonyl butoxide	
<u>Residual Solvents by GC/MS</u> 1,2-Dimethoxyethane 1,4-Dioxane 1-Buanol	TEC.009

<u>Test/Technology(ies)</u>	<u>Test Method(s)</u>
<u>Residual Solvents by GC/MS (cont.)</u> 1-Pentanol 1-Propanol 2-Butanol 2-Butanone 2-Ethoxyethanol 2-Methylbutane 2-Propanol (IPA) Acetone Acetonitrile Benzene Butane Cumene Cyclohexane Dichloromethane 2,2-dimethylbutane 2,3-dimethylbenzene 1,3-dimethylbenzene 1,4-dimethylbenzene Dimethylsulfoxide Ethanol Ethyl acetate Ethylbenzene Ethyl ether Ethylene glycol Ethylene Oxide Heptane n-Hexane Isopropyl acetate Methanol Methanol Methylpropane 2-Methylpentane 3-Methylpentane N,N-dimethylacetamide N,N-dimethylformamide Pentane Propane Pyridine Sulfolane Tetrahydrofuran Toluene Total Xylenes (m,p,o)	
<u>Terpene Profiling by GC/MS</u> (-)-Isopulegol Alpha-Pinene	TEC.011 – Head Space TEC.020 – Direct Injection

<u>Test/Technology(ies)</u>	<u>Test Method(s)</u>
<u>Terpene Profiling by GC/MS (cont.)</u> Alpha-Terpinene Alpha-Terpineol Alpha-Terpinolene Beta-Myrcene Beta-Ocimene Beta-Pinene Camphene Camphor D-Limonene DL-Methanol Eucalyptol Fenchol Fenchone Gamma-Terpinene Geraniol Geranyl acetate Linalool p-Cymene Pulegone Sabine hydrate Sabinene	
Water Activity	TEC.001
Water Content	TEC.002

BIOLOGICAL

<u>Test/Technology(ies)</u>	<u>Test Method(s)</u>
<i>Escherichia coli</i> and Total Coliform by Petrifilm Plate Count	TEC.003



Accredited Laboratory

A2LA has accredited

DEMETER LABORATORY

Little Rock, AR

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 15th day of March 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5306.02
Valid to October 31, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.