



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

HIGHGRADE LABS
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Oklahoma City, OK 73129
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CHEMICAL

Valid To: December 31, 2022

Certificate Number: 5861.01

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

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Analysis of Cannabinoids by HPLC CBC CBD CBDA CBG CBGA CBN DBDV Δ^8 -THC Δ^9 -THC THCA THCV	SOP 400
Analysis of Heavy Metals by ICP-MS Arsenic Cadmium Lead Mercury	SOP 413
Analysis of Pesticides by LCMS-QQQ Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Avemectin B1b Avemectin Ba Azoxystrobin Bifenazate Cyclobutanol Etoxazole Imazalil Imidacloprid Malathion	SOP 407

<p>Analysis of Pesticides by LCMS-QQQ (cont.)</p> <p>Orchratoxin A Pemethrin Spinosyn A Spinosyn D Spiromesifen Spirotetramat Tebuconazole</p>	
<p>Analysis of Residual Solvents by Headspace GC-MS</p> <p>1,2-Dimethylbenzene 1,3-Dimethylbenzene 1,4-Dimethylbenzene 1,4-Dioxane 2,2-Dimethylbutane 2,3-Dimethylbutane 2-Butanol 2-Ethoxyethanol 2-Methylbutane 2-Methylpentane 3-Methylpentane Acetone Acetonitrile Benzene Butane Cumene (Isopropyl Benzene) Cyclohexane Dichloromethane Dimethylbutane Ethyl Acetate Ethyl Benzene Ethyl Ether Ethylene Glycol Ethylene Oxide Heptane Isopropyl Acetate Isopropyl Alcohol Methyl Alcohol Neopentane n-Hexane Pentane Tetrahydrofuran Toluene</p>	<p>SOP 411</p>
<p>Analysis of Terpenes by GC-FID</p> <p>α-Bisbolol α-Cedrene α-Humulene α-Phellandrene α-Pinene α-Terpinene α-Terpineol</p>	<p>SOP 409</p>

Analysis of Terpenes by GC-FID (cont.) β-Caryophyllene β-Myrcene β-Pinene Borneol Camphene Camphor Caryophyllene Oxide Cedrol Cis-Nerolidol Cis-Ocimene Endo-Fenchyl Alcohol Eucalyptol Farnesene Fenchone γ-Terpinene γ-Terpineol Geraniol Geranyl acetate Guaiol Hexahydro thymol Isobroeoal Isopulegol Limonene Linalool Nerol o-3-Carene p-Cymene Pulegone Sabinene Sabinene Hydrate Terpinolene Trans-Nerolidol Trans-Ocimene Valencene	
Determination of Water Activity and Moisture Content by Aqualab 3	SOP 416

BIOLOGICAL

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Analysis of Aerobic Bacteria by 3M Petrifilm	SOP 415
Analysis of <i>Escherichia coli</i> by 3M Petrifilm	SOP 415
Analysis of <i>Salmonella</i> by 3M MDS	SOP 415
Analysis of Yeast and Mold by 3M Petrifilm	SOP 415



Accredited Laboratory

A2LA has accredited

HIGHGRADE LABS

Oklahoma City, OK

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 18th day of January 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5861.01
Valid to December 31, 2022

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