



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BUD'S TESTING L.L.C.
1660 W Plato Rd
Duncan, OK 73533
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CHEMICAL

Valid To: February 28, 2023

Certificate Number: 5736.01

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 (concentrates and edibles) and flowers:

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Foreign Materials/Filth by Microscopy	Standard Operating Procedures Manual-Microscopic Examination of Cannabis
Heavy Metals by ICP-MS Arsenic Cadmium Lead Mercury	Standard Operating Procedures Manual-Microwave Assisted Acid Digestion for Elemental Analysis by ICP-MS
Moisture Content by Moisture Analyzer Balance	SOP Moisture and Water Activity
Mycotoxins by Fluorospectrometer Aflatoxins (B1, B2, G1, G2) Ochratoxin A	Standard Operating Procedures Manual-Mycotoxins
Pesticides by GC-MS/LCMSMS Abamectin Azoxystrobin Bifenazate Etoxazole Imazalil Imidacloprid Malathion Myclobutanil Permethrin Spinosad Spiromesifen Spirotetramat Tebuconazole	Standard Operating Procedures Manual-Analysis of Pesticide Residues by GC-MS/LCMSMS

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Potency by HPLC Cannabichromene (CBC) Cannabidiol (CBD) Cannabidiolic acid (CBDA) Cannabidivarin (CBDV) Cannabigerol (CBG) Cannabigerolic acid (CBGA) Delta-8- THC Delta-9-THC Tetrahydrocannabinolic acid (THCA) Cannabinol (CBN)	Standard Operating Procedures Manual- Determination of Cannabinoids in Cannabis Products Using HPLC/UV
Residual Solvent by FET-GC-MS Acetone Benzene Butanes Ethanol Ethyl Acetate Heptanes Isopropyl Alcohol Methanol Pentane Propane Toluene Total Xylenes (m,p,o)	Standard Operating Procedures Manual- Residual Solvent Analysis
Terpene Profile by GC-FID (-)-Alpha-Bisabolol (-)-Borneol (-)-Caryophyllene Oxide (-)-Isopulegol (+)-Borneol (+)-Cedrol (+)-Fenchone (+)-Pulegone (1R)-(+)-Camphor (1R)-Endo-(+)-Fenchyl Alcohol (1S)-(-)-Camphor (1S)-(+)-3-Carene (R)-(+)-Limonene alpha-Cedrene alpha-Humulene alpha-Terpinene a-Pinene beta-Myrcene beta-Pinene Camphene Camphor cis-Nerolidol Eucalyptol Farnesene (mix of isomers)	Standard Operating Procedures Manual- Procedure for Analyzing Terpenes on GC/FID

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Terpene Profile by GC-FID (<i>cont.</i>) gamma-Terpinene Geraniol Geranyl Acetate Guaiol Hexahydrothymol (Menthol) Isoborneol L(-)-Fenchone Linalool Nerol Ocimene (Mixture of Isomers) p-Mentha-1,5-diene Sabinene Sabinene Hydrate Terpineol (mixture of Isomers) Terpinolene trans-Caryophyllene trans-Nerolidol Valencene	Standard Operating Procedures Manual- Procedure for Analyzing Terpenes on GC/FID
Water Activity by Water Activity Meter	SOP Moisture and Water Activity

BIOLOGICAL

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</u>	<u>Test Method</u>
Microbial by Plating <i>Aspergillus</i> <i>Escherichia coli</i> <i>Salmonella</i> <i>Staphylococcus aureus</i> Total Count Yeast and Mold	Standard Operating Procedures Manual- Microbiology Procedures for Cannabis



Accredited Laboratory

A2LA has accredited

BUD'S TESTING L.L.C.

Duncan, 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 8th day of March 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5736.01
Valid to February 28, 2023
Revised January 17, 2023

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