



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EXPRESS TOXICOLOGY SERVICES
1717 W. 33rd
Edmond, OK 73013
Wendy Hampton Phone: 405 216-5788

CHEMICAL

Valid To: February 28, 2023

Certificate Number: 5724.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with A2LA's R243 - Specific Requirements - Cannabis Testing Laboratory Accreditation Program, containing the ASA (Americans for Safe Access) Laboratory Requirements which is derived from the *2016 American Herbal Products Association (AHPA) Recommendations for Regulators – Cannabis Operations*)¹, accreditation is granted to this laboratory to perform the following tests on cannabis products, flower, concentrate, ingestible, topical, and other:

<u>Test/Technology</u>	<u>Test Method(s)</u>
Cannabinoid Profile / Potency by HPLC: <ul style="list-style-type: none">• Δ8-THC• Δ9-THC• CBD• CBDa• CBDV• CBG• CBGa• CBN• THCa• THCV	Potency SOP – Doc# SOPPOT1
Heavy Metals Analysis ICP/MS: <ul style="list-style-type: none">• Arsenic• Cadmium• Lead• Mercury	Heavy Metals SOP / Doc# SOPHM1 Doc# SOPHMS1 Doc# SOPHMW1
Moisture Content by Moisture Analyzer: Cannabis Flower	Moisture Content SOP / Doc# SOPSP1
Mycotoxin Detection by LC/MS: <ul style="list-style-type: none">• Aflatoxins (B1, B2, G1, and G2)• Ochratoxin A.	Pesticide/Mycotoxin SOP / Doc# SOPPEMY1
Pesticide Analysis by LC/MS: <ul style="list-style-type: none">• Abamectin (Avermectins: B1a & B1b)• Azoxystrobin• Bifenazate• Etoxazole	Pesticide/Mycotoxin SOP / Doc# SOPPEMY1

<u>Test/Technology</u>	<u>Test Method(s)</u>
<ul style="list-style-type: none"> • Imazalil • Imidacloprid • Malathion • Myclobutanil • Permethrin (mix of isomers) • Spinosad (Mixture of A and D) • Spiromesifen • Spirotetramat • Tebuconazole 	
Residual Solvents and Processing Chemicals by GC/MS: <ul style="list-style-type: none"> • Acetone • Benzene • Butane • Ethanol • Ethyl Acetate • Heptanes • Hexanes • Isopropyl Alcohol • Methanol • Pentane • Propane • Toluene • Total Xylenes 	Residual Solvents & Processing Chemicals SOP / Doc# SOPRS1
Terpene Profile by GC/MS: <ul style="list-style-type: none"> • Limonene • Myrcene • alpha Pinene • beta Pinene • Linalool • Eucalyptol • Terpinolene (delta terpinene) • beta Caryophyllene • Caryophyllene oxide • Nerolidol 	Terpene SOP – Doc# SOPTER1
Water Activity by Water Activity Meter	Water Activity SOP DOC# SOPWA1



BIOLOGICAL

<u>Test/Technology</u>	<u>Test Method</u>
Microbial Detection by Real Time quantitative PCR: Detect the presence of: <ul style="list-style-type: none">• <i>Aspergillus flavus</i>• <i>Aspergillus fumigatus</i>• <i>Aspergillus niger</i>• <i>Aspergillus terreus</i>• <i>Salmonella</i> Spp.• Shiga toxin-producing <i>Escherichia coli</i> (STEC) Quantitate: <ul style="list-style-type: none">• Yeast and Mold	Microbial SOP / Doc# SOPM12

¹Accreditation does not imply acceptance to the ASA PFC program. Please see the ASA website (<https://safeaccess2.org/patientfocusedcertification/companies/>) for a listing of ASA PFC certified laboratories.





Accredited Laboratory

A2LA has accredited

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Edmond, 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 laboratory also meets A2LA's R243 – *Specific Requirements – Cannabis Testing Laboratory Accreditation Program*, containing the Americans for Safe Access (ASA) Laboratory Requirements. 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 17th day of May 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5724.01
Valid to February 28, 2023

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