



3520 N 7th St.
Phoenix, AZ 85014
(480) 788-6644
www.desertvalleytesting.com

Certificate of Analysis

ISO/IEC 17025:2017 Certificate #: AT-2837
License #: 0000031LRCHX78341676

Arizona Cannabis Society

License #: 00000042ESJB38310180
8376 N El Mirage Rd #2
El Mirage, AZ 85335
(618) 570-6581

Additional Licenses: 00000090DCYT0094857

Batch #: 160; External Lot #:

Manufacture Date: Harvest Date: 01-30-25 Source Batch #:

Sample Batch Collection: 03/03/25 09:00

Sample Received: 03/04/25 10:58; Report Created: 3/7/2025

Legends Flower GMO

Strain: GMO

Laboratory Number: 2503008-01

Matrix: Flower

Metals	Pesticides	Residual Solvents	E. coli	Mycotoxins	Aspergillus	Salmonella
PASS	PASS	Not Tested	PASS	Not Tested	PASS	PASS

Sample Image



Residual Solvents (GC-MS) Analyzed: By:

SOP: 004	RL	ppm	Q
Butanes	NT	NT	
Pentanes	NT	NT	
Acetonitrile	NT	NT	
Dichloromethane	NT	NT	
Hexanes	NT	NT	
Chloroform	NT	NT	
n-Heptane	NT	NT	
Methanol	NT	NT	
Ethanol	NT	NT	
Diethyl Ether	NT	NT	
Acetone	NT	NT	
Isopropanol	NT	NT	
Ethyl acetate	NT	NT	
Isopropyl acetate	NT	NT	
Benzene	NT	NT	
Toluene	NT	NT	
Xylenes	NT	NT	

Cannabinoid (HPLC-DAD) Analyzed: 03/06/25 By: MLC

SOP: 003	LOQ %	%	mg/g	Q
THC-A	0.47	34.23	342.3	D1
delta 9-THC	0.05	0.61	6.1	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.24	12.4	
CBD-A	0.05	0.08	0.8	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.14	1.4	
CBC	0.05	ND	ND	
delta 8 THC-V	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 03/07/25 By: EGP

SOP: 035	RL	ppm	Q
Arsenic	0.195	ND	
Cadmium	0.195	ND	
Lead	0.488	ND	
Mercury	0.098	ND	L1, R1

Microbials (Petrifilm) Analyzed: 3/7/2025 By: JBL

SOP : 023	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Microbials (PCR) Analyzed: 3/7/2025 By: MLC

SOP: 015	RL	Result	Units	Q
Aspergillus flavus, fumigatus or niger	1.00	Not Detected	per gram	
Aspergillus terreus	1.00	Not Detected	per gram	

Microbials (PCR) Analyzed: 3/6/2025 By: VAM

SOP: 028	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	

30.63 % 306.30 mg/g	0.07 % 0.69 mg/g	36.30 % 363.00 mg/g
Total THC	Total CBD	Total Cannabinoids ^{Q3}

Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

Mycotoxins (LC-MS/MS) Analyzed: By:

SOP: 011	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

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Erin Polly
Technical Laboratory Director



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Pesticides (LC-MS/MS) Analyzed: 03/07/25 By: ZEN							
SOP: 011	RL	ppm	Q		RL	ppm	Q
Acephate	0.212	ND		Acetamiprid	0.106	ND	
Aldicarb	0.212	ND		Azoxystrobin	0.106	ND	
Bifenthrin	0.106	ND		Boscalid	0.212	ND	
Carbaryl	0.106	ND		Carbofuran	0.106	ND	
Chlorpyrifos	0.106	ND		Diazinon	0.106	ND	
Dimethoate	0.106	ND		Ethoprophos	0.106	ND	
Etofenprox	0.212	ND		Etoazole	0.106	ND	
Fenoxycarb	0.106	ND		Fenpyroximate E	0.212	ND	
Flonicamid	0.529	ND		Fludioxonil	0.212	ND	
Hexythiazox	0.529	ND		Imazalil	0.106	ND	
Imidacloprid	0.212	ND		Kresoxim-methyl	0.212	ND	
Malathion	0.106	ND		Metalaxyl	0.106	ND	
Methiocarb	0.106	ND		Methomyl	0.212	ND	
Myclobutanil	0.106	ND		Naled	0.265	ND	
Oxamyl	0.529	ND		Piperonyl butoxide	1.06	ND	
Propiconazole	0.212	ND		Propoxure	0.106	ND	
Spiromesifen	0.106	ND		Spirotetramat	0.106	ND	
Spiroxamine	0.212	ND		Tebuconazole	0.212	ND	
Thiacloprid	0.106	ND		Thiamethoxam	0.106	ND	
Trifloxystrobin	0.106	ND		Abamectin	0.265	ND	
Bifenazate	0.106	ND		Chlorantraniliprole	0.106	ND	
Clofentezine	0.106	ND		Cyfluthrin	0.529	ND	
Cypermethrin	0.529	ND		Daminozide	0.529	ND	
DDVP (Dichlorvos)	0.053	ND		Fipronil	0.212	ND	
Paclobutrazol	0.212	ND		Permethrins	0.106	ND	
Phosmet	0.106	ND		Prallethrin	0.106	ND	
Pyrethrins	0.529	ND		Pyridaben	0.106	ND	
Spinosad	0.106	ND		Chlorfenapyr	0.529	ND	

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Microbials (Petrifilm) Analyzed: By:

SOP: 006	RL	Result	Units	Q
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3

Water Activity (Water Activity Meter) Analyzed: By:

SOP: 007	AW, 25 °C	Q
Water Activity	NT	Q3

Moisture (Moisture Analyzer) Analyzed: By:

SOP: 008	%	Q
Percent Moisture	NT	Q3

pH Test (pH Meter) Analyzed: By:

SOP: 022	NA	Q
pH	NT	Q3

Terpenes (GC-MS) Analyzed: 03/06/25 By: ZEN

SOP: 005	%	mg/g	Q
alpha-Bisabolol	0.07	0.7	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.20	2	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	ND	ND	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	0.05	0.5	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaiol	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.13	1.3	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.41	4.1	Q3
Linalool	0.06	0.6	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.29	2.9	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.04	0.4	Q3
beta-Pinene	0.06	0.6	Q3
Pulegone	ND	ND	Q3
Sabinene	ND	ND	Q3
Sabinene Hydrate	ND	ND	Q3
gamma-Terpinene	ND	ND	Q3
alpha-Terpinene	ND	ND	Q3
3-Carene	ND	ND	Q3
Terpineol	0.06	0.6	Q3
Terpinolene	ND	ND	Q3
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	ND	ND	Q3
Total Terpenes	1.37	13.70	Q3

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QUALIFIER DEFINITIONS

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.

CASE NARRATIVE

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