



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 #: 166; 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 Soda Fountain

Strain: Soda Fountain

Laboratory Number: 2503008-03

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	0.46	27.40	274	D1
delta 9-THC	0.05	1.12	11.2	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.85	8.5	
CBD-A	0.05	0.07	0.7	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.12	1.2	
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	0.196	ND	
Cadmium	0.196	ND	
Lead	0.489	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	

25.15 % 251.50 mg/g	0.06 % 0.63 mg/g	29.56 % 295.60 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	0.197	ND		Acetamiprid	0.099	ND	
Aldicarb	0.197	ND		Azoxystrobin	0.099	ND	
Bifenthrin	0.099	ND		Boscalid	0.197	ND	
Carbaryl	0.099	ND		Carbofuran	0.099	ND	
Chlorpyrifos	0.099	ND		Diazinon	0.099	ND	
Dimethoate	0.099	ND		Ethoprophos	0.099	ND	
Etofenprox	0.197	ND		Etoazole	0.099	ND	
Fenoxycarb	0.099	ND		Fenpyroximate E	0.197	ND	
Flonicamid	0.493	ND		Fludioxonil	0.197	ND	
Hexythiazox	0.493	ND		Imazalil	0.099	ND	
Imidacloprid	0.197	ND		Kresoxim-methyl	0.197	ND	
Malathion	0.099	ND		Metalaxyl	0.099	ND	
Methiocarb	0.099	ND		Methomyl	0.197	ND	
Myclobutanil	0.099	ND		Naled	0.247	ND	
Oxamyl	0.493	ND		Piperonyl butoxide	0.987	ND	
Propiconazole	0.197	ND		Propoxure	0.099	ND	
Spiromesifen	0.099	ND		Spirotetramat	0.099	ND	
Spiroxamine	0.197	ND		Tebuconazole	0.197	ND	
Thiacloprid	0.099	ND		Thiamethoxam	0.099	ND	
Trifloxystrobin	0.099	ND		Abamectin	0.247	ND	
Bifenazate	0.099	ND		Chlorantraniliprole	0.099	ND	
Clofentezine	0.099	ND		Cyfluthrin	0.493	ND	
Cypermethrin	0.493	ND		Daminozide	0.493	ND	
DDVP (Dichlorvos)	0.049	ND		Fipronil	0.197	ND	
Paclobutrazol	0.197	ND		Permethrins	0.099	ND	
Phosmet	0.099	ND		Prallethrin	0.099	ND	
Pyrethrins	0.493	ND		Pyridaben	0.099	ND	
Spinosad	0.099	ND		Chlorfenapyr	0.493	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	0.03	0.3	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.10	1	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
Guaial	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.08	0.8	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.25	2.5	Q3
Linalool	0.12	1.2	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.07	0.7	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.05	0.5	Q3
beta-Pinene	0.05	0.5	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	0.86	8.64	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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