

SAMPLE DETAILS

 OVERALL BATCH RESULT: ✔ PASS
SAMPLE NAME: Legends Flower Malibu Pure Kush

Flower, Inhalable, Malibu Pure Kush

CLIENT
Business Name: Arizona Cannabis Society | El Mirage

License Number: 00000042ESJB38310180

Address: 8376 N El Mirage RD BLD 2 STE 2
El Mirage AZ 85335

SAMPLE DETAIL
Batch Number: 176

Sample ID: 250429M033

Lot#:
Manufacture Date:
Harvest Date: 04/01/2025

Date Collected: 04/29/2025 11:15 a.m.

Date Received: 04/29/2025 12:19 p.m.

Batch Size:
Sample Size: 19.089 grams

Unit Mass:
Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Sum of Cannabinoids: **26.87%** (Q3)

Total Cannabinoids: **23.76%** (Q3)

Total THC: **23.76%**
Total CBD: ND

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBC + Δ^8 -THC + CBN
 Total Cannabinoids = (Δ^9 -THC + 0.877*THCa) + (CBD + 0.877*CBDa) + CBG + CBC + Δ^8 -THC + CBN
 Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
 Total THC = Δ^9 -THC + (THCa (0.877))
 Total CBD = CBD + (CBDa (0.877))

TERPENOID ANALYSIS - SUMMARY

36 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **1.468%** (Q3)

● **β -Caryophyllene 3.62 mg/g (Q3)**
● **d-Limonene 2.47 mg/g (Q3)**
● **Myrcene 2.36 mg/g (Q3)**
SAFETY ANALYSIS - SUMMARY
Pesticides: ✔ PASS
Heavy Metals: ✔ PASS
Microbiology: ✔ PASS
Microbiology (Plating): ✔ PASS

These results relate only to the sample included on this report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: Testing results were obtained according to requirements in the quality assurance plan in R9-17-404.05, in the applicable standard operating procedure, and in R9-17-404.03 or R9-17-404.04. Results marked as 'Pass' or 'Fail' are done so in reference to R9-17: Arizona Administrative Code (A.A.C.) Title 9, Chapter 17.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)



Approved by: Mackenzie Whitman
 Title: Laboratory Director
 Date: 05/05/2025



CANNABINOID TEST RESULTS - 05/01/2025

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). **Method:** (SOP-CHEM-003)

TOTAL CANNABINOIDS: 23.76% (Q3)

Total Cannabinoids (Total THC) + (Total CBD) + CBG + CBC + Δ⁸-THC + CBN

TOTAL THC: 23.76%

Total THC (Δ⁹-THC+0.877*THCa)

TOTAL CBD: ND

Total CBD (CBD+0.877*CBDa)

COMPOUND	LOD/LOQ (mg/g)	QUALIFIERS	RESULT (mg/g)	RESULT (%)
THCa	0.8 / 4.2		253.2	25.32
Δ ⁹ -THC	0.8 / 4.2		15.5	1.55
CBG	0.4 / 4.2		<LOQ	<LOQ
Δ ⁸ -THC	0.9 / 4.2		ND	ND
CBD	1.1 / 4.2		ND	ND
CBDa	0.7 / 4.2		ND	ND
CBN	0.6 / 4.2		ND	ND
CBC	0.8 / 4.2		ND	ND
SUM OF CANNABINOIDS (Q3)			268.7 mg/g	26.87%

TERPENOID TEST RESULTS - 05/01/2025

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

COMPOUND	LOD/LOQ (mg/g)	QUALIFIERS	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.02 / 0.07	Q3	3.62	0.362
d-Limonene	0.04 / 0.12	Q3	2.47	0.247
Myrcene	0.03 / 0.08	Q3	2.36	0.236
α-Humulene	0.01 / 0.07	Q3	1.41	0.141
Linalool	0.02 / 0.07	Q3	1.19	0.119
Fenchol	0.04 / 0.13	Q3	0.71	0.071
β-Pinene	0.03 / 0.08	Q3	0.62	0.062
α-Terpineol	0.01 / 0.07	Q3	0.49	0.049
α-Bisabolol	0.03 / 0.08	Q3	0.38	0.038
α-Pinene	0.01 / 0.07	Q3	0.36	0.036
trans-β-Farnesene	0.02 / 0.07	Q3	0.32	0.032
trans-Nerolidol	0.01 / 0.07	Q3	0.23	0.023
Borneol	0.05 / 0.15	Q3	0.20	0.020
Caryophyllene Oxide	0.02 / 0.07	Q3	0.19	0.019
Camphene	0.03 / 0.08	Q3	0.13	0.013
Cedrol	0.04 / 0.13	Q3	<LOQ	<LOQ
Fenchone	0.02 / 0.07	Q3	<LOQ	<LOQ

TERPENOID TEST RESULTS - 05/01/2025 *continued*

COMPOUND	LOD/LOQ (mg/g)	QUALIFIERS	RESULT (mg/g)	RESULT (%)
α-Cedrene	0.01 / 0.07	Q3	ND	ND
α-Phellandrene	0.02 / 0.07	Q3	ND	ND
α-Terpinene	0.02 / 0.07	Q3	ND	ND
β-Ocimene	0.01 / 0.07	Q3	ND	ND
Citronellol	0.03 / 0.14	Q3	ND	ND
δ-3-Carene	0.03 / 0.09	Q3	ND	ND
Eucalyptol	0.04 / 0.11	Q3	ND	ND
γ-Terpinene	0.02 / 0.07	Q3	ND	ND
γ-Terpineol	0.04 / 0.12	Q3	ND	ND
Geraniol	0.03 / 0.14	Q3	ND	ND
Geranyl Acetate	0.02 / 0.07	Q3	ND	ND
Guaiol	0.05 / 0.14	Q3	ND	ND
Isopulegol	0.01 / 0.07	Q3	ND	ND
Nerol	0.06 / 0.20	Q3	ND	ND
p-Cymene	0.02 / 0.07	Q3	ND	ND
Pulegone	0.02 / 0.07	Q3	ND	ND
Sabinene	0.03 / 0.08	Q3	ND	ND
Sabinene Hydrate	0.03 / 0.08	Q3	ND	ND
Terpinolene	0.02 / 0.07	Q3	ND	ND
TOTAL TERPENOIDS (Q3)			14.68 mg/g	1.468%

PESTICIDE TEST RESULTS - 05/05/2025 ✔ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS/MS). **Method:** (SOP-CHEM-006)

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	QUALIFIERS	RESULT (µg/g)	RESULT
Abamectin	0.091 / 0.119	0.5		ND	PASS
Acephate	0.024 / 0.099	0.4		ND	PASS
Acetamiprid	0.018 / 0.049	0.2		ND	PASS
Aldicarb	0.048 / 0.099	0.4		ND	PASS
Azoxystrobin	0.013 / 0.049	0.2		ND	PASS
Bifenazate	0.024 / 0.049	0.2	V1	ND	PASS
Bifenthrin	0.018 / 0.049	0.2		ND	PASS
Boscalid	0.072 / 0.099	0.4	V1	ND	PASS
Carbaryl	0.024 / 0.049	0.2	V1	ND	PASS
Carbofuran	0.013 / 0.049	0.2		ND	PASS
Chlorantraniliprole	0.030 / 0.049	0.2		ND	PASS
Chlorfenapyr	0.359 / 0.495	1		ND	PASS
Chlorpyrifos	0.028 / 0.049	0.2		ND	PASS
Clofentezine	0.012 / 0.049	0.2	V1	ND	PASS
Cyfluthrin	0.253 / 0.495	1		ND	PASS

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PESTICIDE TEST RESULTS - 05/05/2025 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	QUALIFIERS	RESULT (µg/g)	RESULT
Cypermethrin	0.101 / 0.247	1		ND	PASS
Daminozide	0.067 / 0.495	1	L1,V1	ND	PASS
Diazinon	0.014 / 0.049	0.2	L1,V1	ND	PASS
Dichlorvos (DDVP)	0.013 / 0.049	0.1	V1	ND	PASS
Dimethoate	0.015 / 0.049	0.2		ND	PASS
Ethoprophos	0.016 / 0.049	0.2	V1	ND	PASS
Etofenprox	0.030 / 0.099	0.4		ND	PASS
Etoxazole	0.016 / 0.049	0.2		ND	PASS
Fenoxycarb	0.016 / 0.049	0.2	V1	ND	PASS
Fenpyroximate	0.039 / 0.099	0.4		ND	PASS
Fipronil	0.067 / 0.099	0.4	V1	ND	PASS
Flonicamid	0.070 / 0.247	1	V1	ND	PASS
Fludioxonil	0.049 / 0.099	0.4		ND	PASS
Hexythiazox	0.081 / 0.247	1		ND	PASS
Imazalil	0.020 / 0.049	0.2		ND	PASS
Imidacloprid	0.042 / 0.099	0.4	V1	ND	PASS
Kresoxim-methyl	0.043 / 0.099	0.4		ND	PASS
Malathion	0.052 / 0.049	0.2	V1	ND	PASS
Metalaxyl	0.016 / 0.049	0.2	V1	ND	PASS
Methiocarb	0.040 / 0.049	0.2	V1	ND	PASS
Methomyl	0.025 / 0.099	0.4		ND	PASS
Myclobutanil	0.028 / 0.049	0.2	V1	ND	PASS
Naled	0.027 / 0.124	0.5		ND	PASS
Oxamyl	0.061 / 0.247	1	V1	ND	PASS
Paclobutrazol	0.036 / 0.099	0.4		ND	PASS
Permethrins	0.025 / 0.049	0.2		ND	PASS
Phosmet	0.017 / 0.049	0.2	V1	ND	PASS
Piperonyl Butoxide	0.153 / 0.495	2	L1,V1	ND	PASS
Prallethrin	0.013 / 0.049	0.2	L1,V1	ND	PASS
Propiconazole	0.072 / 0.099	0.4		ND	PASS
Propoxur	0.021 / 0.049	0.2		ND	PASS
Pyrethrins	0.053 / 0.138	1		ND	PASS
Pyridaben	0.012 / 0.049	0.2		ND	PASS
Spinosad	0.018 / 0.039	0.2		ND	PASS
Spiromesifen	0.019 / 0.049	0.2		ND	PASS
Spirotetramat	0.036 / 0.049	0.2		ND	PASS
Spiroxamine	0.024 / 0.099	0.4		ND	PASS
Tebuconazole	0.048 / 0.099	0.4	V1	ND	PASS
Thiacloprid	0.019 / 0.049	0.2		ND	PASS
Thiamethoxam	0.016 / 0.049	0.2	V1	ND	PASS
Trifloxystrobin	0.018 / 0.049	0.2		ND	PASS

HEAVY METALS TEST RESULTS - 05/01/2025 ✔ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** (SOP-CHEM-008)

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	QUALIFIERS	RESULT (µg/g)	RESULT
Arsenic	0.01 / 0.10	0.4		ND	PASS
Cadmium	0.01 / 0.10	0.4		ND	PASS
Lead	0.02 / 0.40	1		<LOQ	PASS
Mercury	0.01 / 0.04	0.2		ND	PASS

MICROBIOLOGY TEST RESULTS - 05/02/2025 ✔ PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** (SOP-MICRO-017)

COMPOUND	QUALIFIERS	RESULT	RESULT
<i>Aspergillus flavus</i>		Not Detected in 1 gram	PASS
<i>Aspergillus fumigatus</i>		Not Detected in 1 gram	PASS
<i>Aspergillus niger</i>		Not Detected in 1 gram	PASS
<i>Aspergillus terreus</i>		Not Detected in 1 gram	PASS
<i>Salmonella</i> spp.		Not Detected in 1 gram	PASS

MICROBIOLOGY TEST RESULTS - 05/02/2025 ✔ PASS

Analysis conducted by 3M™ Petrifilm™. **Method:** (SOP-MICRO-010)

COMPOUND	LOQ (cfu/g)	ACTION LIMIT (cfu/g)	QUALIFIERS	RESULT (cfu/g)	RESULT
<i>Escherichia coli</i>	10	100		<10	PASS



Notes and Definitions

Item	Definition
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025.
L1	When testing for pesticides, fungicides, growth regulators, mycotoxins, heavy metals, or residual solvents, the percent recovery of a laboratory controlsample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
V1	The recovery from initial or continuing calibration verification standards is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.

Notes

ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING: Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. KEEP OUT OF REACH OF CHILDREN. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.