

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 05/05/2025 5:37 P.M. | CC ID: 2504C4L0050.0921

## SAMPLE DETAILS

## OVERALL BATCH RESULT: OPASS

## SAMPLE NAME: Legends Flower White Iverson

Flower, Inhalable, White Iverson

## 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: 184 Sample ID: 250429M034 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: 18.866 grams Unit Mass: Serving Size:





Scan QR code to verify authenticity of results.

## **CANNABINOID ANALYSIS - SUMMARY**

Sum of Cannabinoids: 26.61% (Q3 Total Cannabinoids: 23.6% (Q3) Total THC: 23.6% Total CBD: ND	) $\Delta^8$ -THC + CBN Total Cannabinoids = ( $\Delta^9$ -THC CBG + CBC + $\Delta^8$ -THC + CBN Total THC/CBD is calculated	using the following formulas to take into group during the decarboxylation step: (0.877))	
TERPENOID ANALYSIS - SUM	MARY		36 TESTED, TOP 3 HIGHLIGHTED
Total Terpenoids: 1.652% (Q3)	d-Limonene 3.59 mg/g (Q3)	Linalool 3.34 mg/g (Q3)	<b>β-Caryophyllene</b> 2.42 mg/g (Q3)
SAFETY ANALYSIS - SUMMARY	(		
Pesticides: <b>PASS</b>	Heavy Metals: <b>OPASS</b>	Microbiology: <b>OPASS</b>	Microbiology (Plating):  PAS
ese results relate only to the sample included on th is report shall not be reproduced, except in full, wi			
mple Certification: Testing results were obtained R9-17-404.05, in the applicable standard operating arked as 'Pass' or 'Fail' are done so in reference to l	procedure, and in R9-17-404.03 or R9-17-404.0	14. Results	

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),  $\mu g/g = ppm$ ,  $\mu g/kg = ppb$ , too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)





ob Title: Laboratory Director Date: 05/05/2025

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## **CERTIFICATE OF ANALYSIS**



RESULT

RESULT

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TERPENOID TEST RESULTS - 05/01/2025 continued

COMPOUND

LOD/LOQ

## CANNABINOID TEST RESULTS - 05/01/2025

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

### TOTAL CANNABINOIDS: 23.6% (Q3)

Total Cannabinoids (Total THC) + (Total CBD) + CBG + CBC +  $\Lambda^{8}$ -THC + CBN

TOTAL THC: 23.6% Total THC (A<sup>9</sup>-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		245.0	24.50
∆ <sup>9</sup> -THC	0.8/4.2		21.1	2.11
CBG	0.4/4.2		<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
∆ <sup>8</sup> -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
СВС	0.8/4.2		ND	ND
SUM OF CAN	NABINOIDS (Q3)		266.1 mg/g	26.61%

#### (mg/g) (mg/g) (%) Caryophyllene Oxide 0.02/0.07 Q3 0.10 0.010 0.010 Fenchone 0.02/0.07 Q3 0.10 0.008 Terpinolene 0.02/0.07 Q3 0.08 Q3 <LOQ <LOQ Cedrol 0.04/0.13 α-Cedrene 0.01/0.07 03 ND ND α-Phellandrene 0.02/0.07 Q3 ND ND 0.02/0.07 Q3 ND ND α-Terpinene δ-3-Carene 0.03/0.09 ND ND 03 Eucalyptol 0.04/0.11 Q3 ND ND 0.02/0.07 Q3 ND ND γ-Terpinene ND ND γ-Terpineol 0.04 / 0.1203 **Geranyl Acetate** 0.02/0.07 Q3 ND ND 0.05/0.14 Q3 ND ND Guaiol 0.01/0.07 Q3 ND ND Isopulegol 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 0.03/0.08 Sabinene Q3 ND ND TOTAL TERPENOIDS (Q3) 16.52 mg/g 1.652%

QUALIFIERS

## TERPENOID TEST RESULTS - 05/01/2025

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

#### RESULT LOD/LOQ RESULT COMPOUND QUALIFIERS (mg/g) (mg/g) (%) d-Limonene 0.04/0.12 Q3 3.59 0.359 Linalool 0.02/0.07 Q3 3.34 0.334 β-Caryophyllene 2.42 0.242 0.02/0.07 03 Fenchol 0.04/0.13 03 1.24 0.124 0.01/0.07 Q3 1.17 0.117 $\alpha$ -Terpineol 0.01/0.07 0.80 0.080 03 α-Humulene 0.72 0.072 β-Pinene 0.03/0.08 03 0.03/0.08 Q3 0.52 0.052 Myrcene 0.03/0.14 Q3 0.38 0.038 Geraniol 0.02/0.07 03 0.38 0.038 trans-β-Farnesene $\alpha$ -Pinene 0.01/0.07 Q3 0.37 0.037 Borneol 0.05/0.15 Q3 0.27 0.027 trans-Nerolidol 0 01 / 0 07 03 0.25 0.025 $\alpha$ -Bisabolol 0.021 0.03/0.08 Q3 0.21 Citronellol 0.21 0.021 0.03/0.14 Q3 0.013 0.03/0.08 Q3 0.13 Camphene 0.013 Sabinene Hydrate 0.13 0.03/0.08 Q3 0.01/0.07 Q3 0.11 0.011 β-Ocimene

### PESTICIDE TEST RESULTS - 05/05/2025 OPASS

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	0.090/0.118	0.5		ND	PASS
Acephate	0.024/0.098	0.4		ND	PASS
Acetamiprid	0.018/0.049	0.2		ND	PASS
Aldicarb	0.048/0.098	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	0.072/0.098	0.4	V1	ND	PASS
Carbaryl	0.024/0.049	0.2	V1	ND	PASS
Carbofuran	0.013/0.049	0.2		ND	PASS
Chlorantranilip- role	0.029/0.049	0.2		ND	PASS
Chlorfenapyr	0.356/0.491	1		ND	PASS
Chlorpyrifos	0.028/0.049	0.2		ND	PASS
Clofentezine	0.012/0.049	0.2	V1	ND	PASS
Cyfluthrin	0.251/0.491	1		ND	PASS
Cypermethrin	0.101/0.246	1		ND	PASS

Continued on next page

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## **CERTIFICATE OF ANALYSIS**



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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
Daminozide	0.067/0.491	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	0.030/0.098	0.4		ND	PASS
Etoxazole	0.016/0.049	0.2		ND	PASS
Fenoxycarb	0.016/0.049	0.2	V1	ND	PASS
Fenpyroximate	0.039/0.098	0.4		ND	PASS
Fipronil	0.066 / 0.098	0.4	V1	ND	PASS
Flonicamid	0.069/0.246	1	V1	ND	PASS
Fludioxonil	0.049/0.098	0.4		ND	PASS
Hexythiazox	0.080/0.246	1		ND	PASS
Imazalil	0.020/0.049	0.2		ND	PASS
Imidacloprid	0.042/0.098	0.4	V1	ND	PASS
Kresoxim-methyl	0.042/0.098	0.4		ND	PASS
Malathion	0.052/0.049	0.2	B2,V1	ND	PASS
Metalaxyl	0.016/0.049	0.2	V1	ND	PASS
Methiocarb	0.040/0.049	0.2	V1	ND	PASS
Methomyl	0.025/0.098	0.4		ND	PASS
Myclobutanil	0.028/0.049	0.2	V1	ND	PASS
Naled	0.027/0.123	0.5		ND	PASS
Oxamyl	0.060/0.246	1	V1	ND	PASS
Paclobutrazol	0.036 / 0.098	0.4		ND	PASS
Permethrins	0.025/0.049	0.2		ND	PASS
Phosmet	0.016/0.049	0.2	V1	ND	PASS
Piperonyl Butoxide	0.152/0.491	2	L1,V1	ND	PASS
Prallethrin	0.013/0.049	0.2	L1,V1	ND	PASS
Propiconazole	0.071/0.098	0.4		ND	PASS
Propoxur	0.021/0.049	0.2		ND	PASS
Pyrethrins	0.053/0.137	1		ND	PASS
Pyridaben	0.012/0.049	0.2		ND	PASS
Spinosad	0.018/0.038	0.2		ND	PASS
Spiromesifen	0.018/0.049	0.2		ND	PASS
Spirotetramat	0.035/0.049	0.2		ND	PASS
Spiroxamine	0.023/0.098	0.4		ND	PASS
Tebuconazole	0.048/0.098	0.4	V1	ND	PASS
Thiacloprid	0.018/0.049	0.2		ND	PASS
Thiamethoxam	0.015/0.049	0.2	V1	ND	PASS
Trifloxystrobin	0.018/0.049	0.2		ND	PASS

## HEAVY METALS TEST RESULTS - 05/01/2025 OPASS

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) R	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< th=""><th>PASS</th></loq<>	PASS
Mercury	0.01/0.04	0.2		ND	PASS

## MICROBIOLOGY TEST RESULTS - 05/02/2025 OPASS

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

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

## MICROBIOLOGY TEST RESULTS - 05/02/2025 OPASS

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

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





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## **Notes and Defnitions**

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.
B2	The target analyte detected in the calibration blank or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, growth regulators, mycotoxins, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
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.