

SAMPLE DETAILS

OVERALL BATCH RESULT: ✓ PASS
SAMPLE NAME: Legends Cured Sugar Wax Zerealz

Badder/Sugar, Inhalable, Zerealz

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: 128

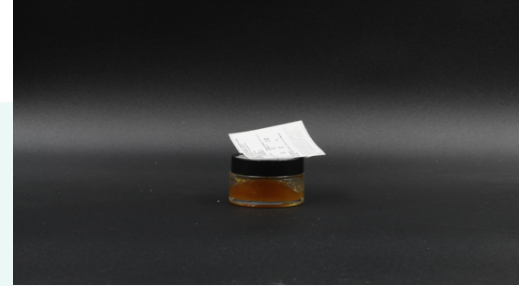
Sample ID: 250522P029

Lot#:
Manufacture Date:
Harvest Date: 08/21/2024

Date Collected: 05/22/2025 1:07 p.m.

Date Received: 05/22/2025 2:26 p.m.

Batch Size:
Sample Size: 78.21 grams

Unit Mass:
Serving Size:

Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Sum of Cannabinoids: 80.42% (Q3)

Total Cannabinoids: 71.51% (Q3)

Total THC: 71.51%
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: 5.443% (Q3)

● β -Caryophyllene 14.01 mg/g (Q3) ● Myrcene 9.83 mg/g (Q3) ● d-Limonene 7.85 mg/g (Q3)

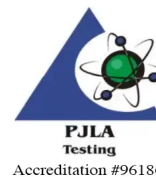
SAFETY ANALYSIS - SUMMARY
Pesticides: ✓ PASS
Mycotoxins: ✓ PASS
Residual Solvents: ✓ PASS
Heavy Metals: ✓ PASS
Microbiology: ✓ PASS
Microbiology (Plating): ✓ PASS

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)


(Signature)
Approved by: Mackenzie Whitman
Job Title: Laboratory Director
Date: 05/30/2025



CANNABINOID TEST RESULTS - 05/29/2025

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

TOTAL CANNABINOIDS: **71.51% (Q3)**

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

TOTAL THC: **71.51%**

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	3.2 / 15.8		724.7	72.47
Δ ⁹ -THC	2.9 / 15.8		79.5	7.95
Δ ⁸ -THC	3.4 / 15.8		ND	ND
CBD	4.0 / 15.8		ND	ND
CBDA	2.5 / 15.8		ND	ND
CBG	1.7 / 15.8		ND	ND
CBN	2.4 / 15.8		ND	ND
CBC	2.9 / 15.8		ND	ND
SUM OF CANNABINOIDS (Q3)			804.2 mg/g	80.42%

TERPENOID TEST RESULTS - 05/29/2025

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

COMPOUND	LOD/LOQ (mg/g)	QUALIFIERS	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.02 / 0.18	Q3	14.01	1.401
Myrcene	0.05 / 0.18	Q3	9.83	0.983
d-Limonene	0.05 / 0.18	Q3	7.85	0.785
Linalool	0.06 / 0.18	Q3	6.20	0.620
α-Humulene	0.03 / 0.18	Q3	4.51	0.451
trans-β-Farnesene	0.03 / 0.18	Q3	2.14	0.214
Fenchol	0.04 / 0.18	Q3	1.64	0.164
β-Pinene	0.04 / 0.18	Q3	1.62	0.162
α-Pinene	0.04 / 0.18	Q3	1.56	0.156
α-Bisabolol	0.04 / 0.18	Q3	1.08	0.108
trans-Nerolidol	0.02 / 0.18	Q3	0.95	0.095
α-Terpineol	0.03 / 0.18	Q3	0.82	0.082
β-Ocimene	0.03 / 0.18	Q3	0.52	0.052
Borneol	0.09 / 0.28	Q3	0.38	0.038
Camphene	0.08 / 0.25	Q3	0.34	0.034
Caryophyllene Oxide	0.02 / 0.18	Q3	0.32	0.032
Cedrol	0.02 / 0.18	Q3	0.24	0.024

TERPENOID TEST RESULTS - 05/29/2025 continued

COMPOUND	LOD/LOQ (mg/g)	QUALIFIERS	RESULT (mg/g)	RESULT (%)
Terpinolene	0.04 / 0.18	Q3	0.23	0.023
Fenchone	0.04 / 0.18	Q3	0.19	0.019
α-Cedrene	0.03 / 0.18	Q3	ND	ND
α-Phellandrene	0.02 / 0.18	Q3	ND	ND
α-Terpinene	0.06 / 0.18	Q3	ND	ND
Citronellol	0.14 / 0.43	Q3	ND	ND
δ-3-Carene	0.05 / 0.18	Q3	ND	ND
Eucalyptol	0.06 / 0.18	Q3	ND	ND
γ-Terpinene	0.05 / 0.18	Q3	ND	ND
γ-Terpineol	0.05 / 0.18	Q3	ND	ND
Geraniol	0.18 / 0.55	Q3	ND	ND
Geranyl Acetate	0.03 / 0.18	Q3	ND	ND
Guaiol	0.03 / 0.18	Q3	ND	ND
Isopulegol	0.06 / 0.18	Q3	ND	ND
Nerol	0.14 / 0.42	Q3	ND	ND
p-Cymene	0.04 / 0.18	Q3	ND	ND
Pulegone	0.05 / 0.18	Q3	ND	ND
Sabinene	0.04 / 0.18	Q3	ND	ND
Sabinene Hydrate	0.05 / 0.18	Q3	ND	ND
TOTAL TERPENOIDS (Q3)			54.43 mg/g	5.443%

PESTICIDE TEST RESULTS - 05/28/2025 ✓ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS/MS). **Method:** (SOP-CHEM-013)

COMPOUND	LOD/LOQ (μg/g)	ACTION LIMIT (μg/g)	QUALIFIERS	RESULT (μg/g)	RESULT
Abamectin	0.032 / 0.119	0.5		ND	PASS
Acephate	0.013 / 0.099	0.4		ND	PASS
Acetamiprid	0.007 / 0.050	0.2		ND	PASS
Aldicarb	0.015 / 0.099	0.4		ND	PASS
Azoxystrobin	0.011 / 0.050	0.2		ND	PASS
Bifenazate	0.017 / 0.050	0.2		ND	PASS
Bifenthrin	0.016 / 0.050	0.2		ND	PASS
Boscalid	0.021 / 0.198	0.4		ND	PASS
Carbaryl	0.007 / 0.050	0.2		ND	PASS
Carbofuran	0.008 / 0.050	0.2		ND	PASS
Chlorantranilip- role	0.013 / 0.099	0.2	V1	ND	PASS
Chlorfenapyr	0.130 / 0.495	1		ND	PASS
Chlorpyrifos	0.009 / 0.050	0.2		ND	PASS
Clofentezine	0.010 / 0.050	0.2		ND	PASS
Cyfluthrin	0.058 / 0.248	1	V1	ND	PASS

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PESTICIDE TEST RESULTS - 05/28/2025 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	QUALIFIERS	RESULT (µg/g)	RESULT
Cypermethrin	0.064 / 0.248	1		ND	PASS
Daminozide	0.058 / 0.248	1		ND	PASS
Diazinon	0.008 / 0.050	0.2		ND	PASS
Dichlorvos (DDVP)	0.006 / 0.025	0.1		ND	PASS
Dimethoate	0.011 / 0.050	0.2		ND	PASS
Ethoprophos	0.008 / 0.050	0.2		ND	PASS
Etofenprox	0.025 / 0.099	0.4		ND	PASS
Etoxazole	0.008 / 0.050	0.2		ND	PASS
Fenoxycarb	0.010 / 0.050	0.2		ND	PASS
Fenpyroximate	0.019 / 0.099	0.4		ND	PASS
Fipronil	0.037 / 0.099	0.4	V1	ND	PASS
Flonicamid	0.028 / 0.248	1		ND	PASS
Fludioxonil	0.013 / 0.099	0.4		ND	PASS
Hexythiazox	0.051 / 0.248	1		ND	PASS
Imazalil	0.013 / 0.050	0.2		ND	PASS
Imidacloprid	0.021 / 0.099	0.4		ND	PASS
Kresoxim-methyl	0.019 / 0.099	0.4		ND	PASS
Malathion	0.016 / 0.050	0.2		ND	PASS
Metalaxyl	0.010 / 0.050	0.2		ND	PASS
Methiocarb	0.015 / 0.050	0.2		ND	PASS
Methomyl	0.013 / 0.099	0.4		ND	PASS
Myclobutanil	0.012 / 0.050	0.2		ND	PASS
Naled	0.032 / 0.124	0.5		ND	PASS
Oxamyl	0.040 / 0.248	1		ND	PASS
Paclobutrazol	0.023 / 0.099	0.4	V1	ND	PASS
Permethrins	0.012 / 0.050	0.2		ND	PASS
Phosmet	0.014 / 0.050	0.2		ND	PASS
Piperonyl Butoxide	0.090 / 0.495	2		ND	PASS
Prallethrin	0.007 / 0.050	0.2		ND	PASS
Propiconazole	0.020 / 0.099	0.4	V1	ND	PASS
Propoxur	0.007 / 0.050	0.2		ND	PASS
Pyrethrins	0.021 / 0.138	1		ND	PASS
Pyridaben	0.009 / 0.050	0.2		ND	PASS
Spinosad	0.008 / 0.039	0.2		ND	PASS
Spiromesifen	0.011 / 0.050	0.2	V1	ND	PASS
Spirotetramat	0.009 / 0.050	0.2	V1	ND	PASS
Spiroxamine	0.018 / 0.099	0.4		ND	PASS
Tebuconazole	0.024 / 0.099	0.4	V1	ND	PASS
Thiacloprid	0.009 / 0.050	0.2		ND	PASS
Thiamethoxam	0.006 / 0.050	0.2		ND	PASS
Trifloxystrobin	0.013 / 0.050	0.2		ND	PASS

MYCOTOXIN TEST RESULTS - 05/28/2025 ✓ PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS/MS). **Method:** (SOP-CHEM-013)

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	QUALIFIERS	RESULT (µg/kg)	RESULT
Aflatoxin B1	1.29 / 4.95		L1,V1	ND	
Aflatoxin B2	2.67 / 4.95		L1,I1,V1	ND	
Aflatoxin G1	2.28 / 9.91		L1,V1	ND	
Aflatoxin G2	2.28 / 4.95		L1,V1	ND	
Ochratoxin A	4.46 / 9.91	20	L1,I1,V1	ND	PASS
Total Aflatoxin		20		ND	PASS

RESIDUAL SOLVENTS TEST RESULTS - 05/28/2025 ✓ PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS). **Method:** (SOP-CHEM-005)

Total Butanes = n-Butane + 2-Methylpropane (Isobutane)
Total Pentanes = n-Pentane + 2-Methylbutane (Isopentane) + 2,2-Dimethylpropane (Neopentane)
Total Hexanes = n-Hexane + 2,2-Dimethylbutane (Neohexane) + 2,3-Dimethylbutane / 2-Methylpentane (Isohexane) + 3-Methylpentane
Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene) + Ethylbenzene

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	QUALIFIERS	RESULT (µg/g)	RESULT
2-Methylpropane (Isobutane)	189.5 / 612.7			ND	
n-Butane	158.1 / 612.7			ND	
Total Butanes		5000		ND	PASS
2-Methylbutane (Isopentane)	158.5 / 612.7			ND	
2,2-Dimethylpropane (Neopentane)	152.5 / 612.7			ND	
n-Pentane	202.6 / 612.7			ND	
Total Pentanes		5000		ND	PASS
2,2-Dimethylbutane (Neohexane)	9.4 / 39.2			ND	
2,3-Dimethylbutane / 2-Methylpentane (Isohexane)	17.5 / 78.4			ND	
3-Methylpentane	9.8 / 39.2			ND	
n-Hexane	10.5 / 39.2			ND	
Total Hexanes		290		ND	PASS
n-Heptane	240.1 / 612.7	5000		ND	PASS
Benzene	0.196 / 0.980	2		ND	PASS
Toluene	27.8 / 112.7	890		ND	PASS
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	222.0 / 539.2			ND	
1,2-Dimethylbenzene (o-Xylene)	129.0 / 269.6			ND	
Ethylbenzene	115.3 / 269.6			ND	
Total Xylenes		2170		ND	PASS
Methanol	81.9 / 367.6	3000		ND	PASS
Ethanol	126.0 / 612.7	5000		ND	PASS

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RESIDUAL SOLVENTS TEST RESULTS - 05/28/2025 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	QUALIFIERS	RESULT (µg/g)	RESULT
2-Propanol (Isopropyl Alcohol)	154.2 / 612.7	5000		ND	PASS
Acetone	23.4 / 122.5	1000		ND	PASS
Ethyl Ether	150.7 / 612.7	5000		ND	PASS
Ethyl Acetate	138.5 / 612.7	5000		ND	PASS
Isopropyl Acetate	154.2 / 612.7	5000		ND	PASS
Chloroform	4.41 / 14.71	60		ND	PASS
Dichloromethane (Methylene Chloride)	15.9 / 73.5	600		ND	PASS
Acetonitrile	9.4 / 49.0	410		ND	PASS

HEAVY METALS TEST RESULTS - 05/29/2025 ✓ 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		ND	PASS
Mercury	0.01 / 0.04	0.2		ND	PASS

MICROBIOLOGY TEST RESULTS - 05/28/2025 ✓ 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 - 05/28/2025 ✓ 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
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.
I1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria with respect to the reference spectra, indicating interference.
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.
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	