

**SAMPLE DETAILS**

OVERALL BATCH RESULT: ✔ PASS
**SAMPLE NAME: Legends Flower Blue Zushi**

Flower, Inhalable, Blue Zushi

**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:** 187

**Sample ID:** 250522P026

**Lot#:**
**Manufacture Date:**
**Harvest Date:** 05/15/2025

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

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

**Batch Size:**
**Sample Size:** 17.425 grams

**Unit Mass:**
**Serving Size:**

Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Sum of Cannabinoids:** 22.62% (Q3)

**Total Cannabinoids:** 19.98% (Q3)

**Total THC:** 19.98%
**Total CBD:** ND

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBC +  $\Delta^8$ -THC + CBN  
Total Cannabinoids = ( $\Delta^9$ -THC + 0.877\*THCa) + (CBD + 0.877\*CBDa) + CBG + CBC +  $\Delta^8$ -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 =  $\Delta^9$ -THC + (THCa (0.877))  
Total CBD = CBD + (CBDa (0.877))

**TERPENOID ANALYSIS - SUMMARY**

36 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** 1.650% (Q3)

●  **$\beta$ -Caryophyllene** 3.89 mg/g (Q3) ● **d-Limonene** 2.64 mg/g (Q3) ● **Linalool** 2.06 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)


*(Signature)*  
Approved by: Mackenzie Whitman  
Job Title: Laboratory Director  
Date: 05/28/2025



CANNABINOID TEST RESULTS - 05/28/2025

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

TOTAL CANNABINOIDS: 19.98% (Q3)

Total Cannabinoids (Total THC) + (Total CBD) +  
CBG + CBC + Δ<sup>8</sup>-THC + CBN

TOTAL THC: 19.98%

Total THC (Δ<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                     | 0.9 / 4.2      |            | 214.3         | 21.43      |
| Δ <sup>9</sup> -THC      | 0.8 / 4.2      |            | 11.9          | 1.19       |
| CBG                      | 0.4 / 4.2      |            | <LOQ          | <LOQ       |
| Δ <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                      | 0.7 / 4.2      |            | ND            | ND         |
| CBC                      | 0.8 / 4.2      |            | ND            | ND         |
| SUM OF CANNABINOIDS (Q3) |                |            | 226.2 mg/g    | 22.62%     |

TERPENOID TEST RESULTS - 05/28/2025

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         | 3.89          | 0.389      |
| d-Limonene          | 0.04 / 0.12    | Q3         | 2.64          | 0.264      |
| Linalool            | 0.02 / 0.07    | Q3         | 2.06          | 0.206      |
| α-Humulene          | 0.01 / 0.07    | Q3         | 1.84          | 0.184      |
| Myrcene             | 0.03 / 0.08    | Q3         | 1.14          | 0.114      |
| Fenchol             | 0.04 / 0.13    | Q3         | 0.81          | 0.081      |
| α-Bisabolol         | 0.03 / 0.08    | Q3         | 0.75          | 0.075      |
| α-Terpineol         | 0.01 / 0.07    | Q3         | 0.71          | 0.071      |
| β-Pinene            | 0.03 / 0.09    | Q3         | 0.63          | 0.063      |
| Geraniol            | 0.03 / 0.14    | Q3         | 0.41          | 0.041      |
| α-Pinene            | 0.01 / 0.07    | Q3         | 0.37          | 0.037      |
| Citronellol         | 0.03 / 0.14    | Q3         | 0.30          | 0.030      |
| trans-Nerolidol     | 0.01 / 0.07    | Q3         | 0.27          | 0.027      |
| Borneol             | 0.05 / 0.15    | Q3         | 0.21          | 0.021      |
| Caryophyllene Oxide | 0.02 / 0.07    | Q3         | 0.16          | 0.016      |
| Camphene            | 0.03 / 0.08    | Q3         | 0.12          | 0.012      |
| trans-β-Farnesene   | 0.02 / 0.07    | Q3         | 0.11          | 0.011      |

TERPENOID TEST RESULTS - 05/28/2025 continued

| COMPOUND              | LOD/LOQ (mg/g) | QUALIFIERS | RESULT (mg/g) | RESULT (%) |
|-----------------------|----------------|------------|---------------|------------|
| β-Ocimene             | 0.01 / 0.07    | Q3         | 0.08          | 0.008      |
| Cedrol                | 0.04 / 0.13    | Q3         | <LOQ          | <LOQ       |
| Fenchone              | 0.02 / 0.07    | Q3         | <LOQ          | <LOQ       |
| 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         |
| 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         |
| 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                 | 0.07 / 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 / 0.09    | Q3         | ND            | ND         |
| Sabinene Hydrate      | 0.03 / 0.08    | Q3         | ND            | ND         |
| Terpinolene           | 0.02 / 0.07    | Q3         | ND            | ND         |
| TOTAL TERPENOIDS (Q3) |                |            | 16.50 mg/g    | 1.650%     |

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-006)

| COMPOUND                 | LOD/LOQ (μg/g) | ACTION LIMIT (μg/g) | QUALIFIERS | RESULT (μg/g) | RESULT |
|--------------------------|----------------|---------------------|------------|---------------|--------|
| Abamectin                | 0.088 / 0.116  | 0.5                 |            | ND            | PASS   |
| Acephate                 | 0.023 / 0.096  | 0.4                 |            | ND            | PASS   |
| Acetamiprid              | 0.018 / 0.048  | 0.2                 |            | ND            | PASS   |
| Aldicarb                 | 0.047 / 0.096  | 0.4                 |            | ND            | PASS   |
| Azoxystrobin             | 0.013 / 0.048  | 0.2                 |            | ND            | PASS   |
| Bifenazate               | 0.024 / 0.048  | 0.2                 |            | ND            | PASS   |
| Bifenthrin               | 0.018 / 0.048  | 0.2                 |            | ND            | PASS   |
| Boscalid                 | 0.071 / 0.096  | 0.4                 |            | ND            | PASS   |
| Carbaryl                 | 0.023 / 0.048  | 0.2                 |            | ND            | PASS   |
| Carbofuran               | 0.013 / 0.048  | 0.2                 |            | ND            | PASS   |
| Chlorantranilip-<br>role | 0.029 / 0.048  | 0.2                 |            | ND            | PASS   |
| Chlorfenapyr             | 0.349 / 0.482  | 1                   |            | ND            | PASS   |
| Chlorpyrifos             | 0.027 / 0.048  | 0.2                 |            | ND            | PASS   |
| Clofentezine             | 0.012 / 0.048  | 0.2                 |            | ND            | PASS   |
| Cyfluthrin               | 0.246 / 0.482  | 1                   |            | ND            | PASS   |

Continued on next page



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

| COMPOUND              | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | QUALIFIERS | RESULT<br>(µg/g) | RESULT |
|-----------------------|-------------------|---------------------------|------------|------------------|--------|
| Cypermethrin          | 0.099 / 0.241     | 1                         |            | ND               | PASS   |
| Daminozide            | 0.066 / 0.482     | 1                         |            | ND               | PASS   |
| Diazinon              | 0.014 / 0.048     | 0.2                       |            | ND               | PASS   |
| Dichlorvos<br>(DDVP)  | 0.013 / 0.048     | 0.1                       |            | ND               | PASS   |
| Dimethoate            | 0.014 / 0.048     | 0.2                       |            | ND               | PASS   |
| Ethoprophos           | 0.016 / 0.048     | 0.2                       |            | ND               | PASS   |
| Etofenprox            | 0.030 / 0.096     | 0.4                       |            | ND               | PASS   |
| Etoxazole             | 0.016 / 0.048     | 0.2                       |            | ND               | PASS   |
| Fenoxycarb            | 0.016 / 0.048     | 0.2                       |            | ND               | PASS   |
| Fenpyroximate         | 0.038 / 0.096     | 0.4                       |            | ND               | PASS   |
| Fipronil              | 0.065 / 0.096     | 0.4                       |            | ND               | PASS   |
| Flonicamid            | 0.068 / 0.241     | 1                         |            | ND               | PASS   |
| Fludioxonil           | 0.048 / 0.096     | 0.4                       |            | ND               | PASS   |
| Hexythiazox           | 0.079 / 0.241     | 1                         |            | ND               | PASS   |
| Imazalil              | 0.020 / 0.048     | 0.2                       |            | ND               | PASS   |
| Imidacloprid          | 0.041 / 0.096     | 0.4                       |            | ND               | PASS   |
| Kresoxim-methyl       | 0.041 / 0.096     | 0.4                       |            | ND               | PASS   |
| Malathion             | 0.051 / 0.048     | 0.2                       | V1         | ND               | PASS   |
| Metalaxyl             | 0.016 / 0.048     | 0.2                       |            | ND               | PASS   |
| Methiocarb            | 0.039 / 0.048     | 0.2                       |            | ND               | PASS   |
| Methomyl              | 0.025 / 0.096     | 0.4                       |            | ND               | PASS   |
| Myclobutanil          | 0.027 / 0.048     | 0.2                       | I1         | ND               | PASS   |
| Naled                 | 0.027 / 0.121     | 0.5                       |            | ND               | PASS   |
| Oxamyl                | 0.059 / 0.241     | 1                         |            | ND               | PASS   |
| Paclobutrazol         | 0.035 / 0.096     | 0.4                       |            | ND               | PASS   |
| Permethrins           | 0.025 / 0.048     | 0.2                       |            | ND               | PASS   |
| Phosmet               | 0.016 / 0.048     | 0.2                       |            | ND               | PASS   |
| Piperonyl<br>Butoxide | 0.149 / 0.482     | 2                         |            | ND               | PASS   |
| Prallethrin           | 0.013 / 0.048     | 0.2                       |            | ND               | PASS   |
| Propiconazole         | 0.070 / 0.096     | 0.4                       |            | ND               | PASS   |
| Propoxur              | 0.020 / 0.048     | 0.2                       |            | ND               | PASS   |
| Pyrethrins            | 0.052 / 0.135     | 1                         |            | ND               | PASS   |
| Pyridaben             | 0.012 / 0.048     | 0.2                       |            | ND               | PASS   |
| Spinosad              | 0.018 / 0.038     | 0.2                       |            | ND               | PASS   |
| Spiromesifen          | 0.018 / 0.048     | 0.2                       |            | ND               | PASS   |
| Spirotetramat         | 0.035 / 0.048     | 0.2                       |            | ND               | PASS   |
| Spiroxamine           | 0.023 / 0.096     | 0.4                       |            | ND               | PASS   |
| Tebuconazole          | 0.047 / 0.096     | 0.4                       |            | ND               | PASS   |
| Thiacloprid           | 0.018 / 0.048     | 0.2                       |            | ND               | PASS   |
| Thiamethoxam          | 0.015 / 0.048     | 0.2                       |            | ND               | PASS   |
| Trifloxystrobin       | 0.017 / 0.048     | 0.2                       |            | ND               | PASS   |

HEAVY METALS TEST RESULTS - 05/28/2025 ✓ PASS

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

| COMPOUND | LOD/LOQ<br>(µg/g) | ACTION<br>LIMIT<br>(µg/g) | QUALIFIERS | RESULT<br>(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 |
|-----------------------|------------|------------------------|--------|
| 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 - 05/28/2025 ✓ PASS

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

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



Notes and Definitions

| Item  | Definition                                                                                                                                                                                                                                      |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |                                                                                                                                                                                                                                                 |

**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.