



CERTIFICATE OF ANALYSIS

REPORTED: OCT 07, 2025

SAMPLE: BLUE DREAM (LIQUID SHATTER) (CONCENTRATE) // CLIENT: ROLLING PINES // BATCH: PASS



SAMPLE: BLUE DREAM (LIQUID SHATTER)  
BATCH NO.: 1A4230100007851000000896  
MATRIX: CONCENTRATE  
CATEGORY: VAPE CARTRIDGE  
METRC ID: 1A4230100007851000000904  
METRC BATCH ID: 1A4230100007851000000896  
INTERNAL SAMPLE ID: AAL-250930-008  
TEST COMPLETION DATE: OCT 03, 2025  
COLLECTED ON: SEP 30, 2025  
BATCH/SAMPLE SIZE: 904 UNITS / 10 UNITS

CANNABINOID OVERVIEW

TOTAL THC: 57.591 %  
TOTAL CBD: 0.123 %  
TOTAL CANNABINOIDS: 66.296 %

CULTIVATOR INFO

CULTIVATOR  
ROLLING PINES  
2672A LOWER CENTERVILLE RD  
LIBERTY, MS 39645  
  
LICENSE  
MCUL002757  
MEDICINAL - CULTIVATION FACILITY

BATCH RESULT: PASS

POTENCY PASS PESTICIDES PASS  
FOREIGN PASS SOLVENTS PASS  
METALS PASS TERPENES TESTED  
MICROBIAL PASS WATER TESTED  
MYCOTOXINS PASS

AA-LAB-01: CANNABINOIDS PROFILE BY HPLC // OCT 01, 2025

| ANALYTE | AMT (%) | AMT (mg/g) | LIMIT (%) | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE          | AMT (%) | AMT (mg/g) | LIMIT (%) | LOD/LOQ (mg/g) | PASS/FAIL |
|---------|---------|------------|-----------|----------------|-----------|------------------|---------|------------|-----------|----------------|-----------|
| CBC     | 6.768   | 67.68      | N/A       | 0.090/0.280    | N/A       | $\Delta^8$ -THC  | 0.143   | 1.43       | N/A       | 0.210/0.700    | N/A       |
| CBCA    | 0.305   | 3.05       | N/A       | 0.150/0.480    | N/A       | $\Delta^8$ -THCA | ND      | ND         | N/A       | 0.110/0.350    | N/A       |
| CBD     | 0.123   | 1.23       | N/A       | 0.190/0.400    | N/A       | $\Delta^8$ -THCV | ND      | ND         | N/A       | 0.090/0.300    | N/A       |
| CBDA    | ND      | ND         | N/A       | 0.130/0.400    | N/A       | $\Delta^9$ -THC  | 37.761  | 377.61     | N/A       | 0.170/0.540    | N/A       |
| CBDV    | ND      | ND         | N/A       | 0.120/0.380    | N/A       | THCA             | 22.611  | 226.11     | N/A       | 0.100/0.320    | N/A       |
| CBDVA   | ND      | ND         | N/A       | 0.100/0.320    | N/A       | THCV             | 0.193   | 1.93       | N/A       | 0.140/0.440    | N/A       |
| CBG     | 0.437   | 4.37       | N/A       | 0.080/0.260    | N/A       | THCVA            | 0.097   | 0.97       | N/A       | 0.100/0.300    | N/A       |
| CBGA    | 0.617   | 6.17       | N/A       | 0.110/0.340    | N/A       | TOTAL THC**      | 57.591  | 575.91     | 60.5      |                | PASS      |
| CBN     | 0.147   | 1.47       | N/A       | 0.110/0.340    | N/A       | TOTAL CBD**      | 0.123   | 1.23       | N/A       |                | N/A       |

\*\* TOTAL THC = (THCA X 0.877) + DELTA-9-THC

\*\* TOTAL CBD = (CBDA X 0.877) + CBD

TOTAL CANNABINOIDS = (CANNABINOID ACID FORM CONCENTRATION X 0.877) + CANNABINOID CONCENTRATION

RESULTS CERTIFIED BY: BRANDI GOODMAN  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
OCT 07, 2025

Brandi Goodman



All LQC samples required by the Mississippi Department of Health's (MSDH) regulations for Cannabis Testing Facilities were performed and met the MSDH's defined acceptance criteria. Notwithstanding this compliance, this information is provided as a service, and Alchemy makes no claims of efficacy and/or safety of this product. The results provided are applicable only for the sample(s) analyzed; in the form analyzed; for the specific analysis conducted; and only for compliance with the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. The statements and results provided in this report have not been approved and/or endorsed by the FDA. Thus, this report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. Measurement Uncertainty is available upon request. Unless otherwise stated; Decision Rules are following the Mississippi Medical Cannabis Act, Miss. Code Ann. § 41-137-35, et. seq. regulations. This report should only be reproduced in full.

AA-LAB-04: TERPENOID PROFILE BY GC/MSD // OCT 02, 2025

| ANALYTE                | AMT (%) | AMT (mg/g) | LIMIT (%) | LOD/LOQ (mg/g) | PASS/FAIL |
|------------------------|---------|------------|-----------|----------------|-----------|
| TOTAL TERPENES         | 3.388   | 33.88      | N/A       |                | N/A       |
| β-CARYOPHYLLENE        | 1.024   | 10.24      | N/A       | 0.157/0.475    | N/A       |
| LIMONENE               | 0.785   | 7.85       | N/A       | 0.042/0.127    | N/A       |
| α-BISABOLOL            | 0.422   | 4.22       | N/A       | 0.086/0.262    | N/A       |
| β-MYRCENE              | 0.284   | 2.84       | N/A       | 0.078/0.236    | N/A       |
| α-HUMULENE             | 0.278   | 2.78       | N/A       | 0.105/0.318    | N/A       |
| LINALOOL               | 0.253   | 2.53       | N/A       | 0.078/0.235    | N/A       |
| α-PINENE               | 0.164   | 1.64       | N/A       | 0.034/0.104    | N/A       |
| ENDO FENCHYL ALCOHOL   | 0.129   | 1.29       | N/A       | 0.049/0.148    | N/A       |
| CAMPHENE               | 0.029   | 0.29       | N/A       | 0.034/0.101    | N/A       |
| CIS-OCIMENE            | 0.021   | 0.21       | N/A       | 0.037/0.113    | N/A       |
| α-PHELLANDRENE         | < LOQ   | < LOQ      | N/A       | 0.031/0.093    | N/A       |
| α-TERPINEOL            | < LOQ   | < LOQ      | N/A       | 0.140/0.425    | N/A       |
| β-PINENE               | < LOQ   | < LOQ      | N/A       | 0.042/0.127    | N/A       |
| CARYOPHYLLENE OXIDE    | < LOQ   | < LOQ      | N/A       | 0.122/0.369    | N/A       |
| FENCHONE               | < LOQ   | < LOQ      | N/A       | 0.053/0.160    | N/A       |
| GUAJOL                 | < LOQ   | < LOQ      | N/A       | 0.072/0.217    | N/A       |
| TERPINOLENE            | < LOQ   | < LOQ      | N/A       | 0.050/0.151    | N/A       |
| TRANS-OCIMENE          | < LOQ   | < LOQ      | N/A       | 0.036/0.108    | N/A       |
| α-CEDRENE              | ND      | ND         | N/A       | 0.099/0.299    | N/A       |
| α-TERPINENE            | ND      | ND         | N/A       | 0.047/0.142    | N/A       |
| BORNEOL                | ND      | ND         | N/A       | 0.096/0.291    | N/A       |
| CAMPHOR                | ND      | ND         | N/A       | 0.042/0.128    | N/A       |
| CEDROL                 | ND      | ND         | N/A       | 0.070/0.211    | N/A       |
| CIS-NEROLIDOL          | ND      | ND         | N/A       | 0.113/0.342    | N/A       |
| Δ <sup>3</sup> -CARENE | ND      | ND         | N/A       | 0.117/0.355    | N/A       |
| EUCALYPTOL             | ND      | ND         | N/A       | 0.039/0.118    | N/A       |
| FARNESENE              | ND      | ND         | N/A       | 0.113/0.342    | N/A       |
| γ-TERPINENE            | ND      | ND         | N/A       | 0.060/0.182    | N/A       |
| GERANIOL               | ND      | ND         | N/A       | 0.090/0.274    | N/A       |
| GERANYL ACETATE        | ND      | ND         | N/A       | 0.075/0.228    | N/A       |
| ISOBORNEOL             | ND      | ND         | N/A       | 0.090/0.273    | N/A       |
| ISOPULEGOL             | ND      | ND         | N/A       | 0.128/0.387    | N/A       |
| MENTHOL                | ND      | ND         | N/A       | 0.086/0.260    | N/A       |
| NEROL                  | ND      | ND         | N/A       | 0.077/0.233    | N/A       |
| PULEGONE               | ND      | ND         | N/A       | 0.073/0.221    | N/A       |
| SABINENE               | ND      | ND         | N/A       | 0.041/0.124    | N/A       |
| SABINENE HYDRATE       | ND      | ND         | N/A       | 0.151/0.456    | N/A       |
| TRANS-NEROLIDOL        | ND      | ND         | N/A       | 0.108/0.327    | N/A       |
| VALENCENE              | ND      | ND         | N/A       | 0.041/0.123    | N/A       |

AA-LAB-07: MICROBIAL PROFILE // OCT 03, 2025

| ANALYTE                       | AMT (CFU/g) | LIMIT (CFU/g)     | PASS/FAIL |
|-------------------------------|-------------|-------------------|-----------|
| ASPERGILLUS FLAVUS            | ND          | Any amt in 1 gram | PASS      |
| ASPERGILLUS FUMIGATUS         | ND          | Any amt in 1 gram | PASS      |
| ASPERGILLUS NIGER             | ND          | Any amt in 1 gram | PASS      |
| ASPERGILLUS TERREUS           | ND          | Any amt in 1 gram | PASS      |
| COLIFORMS                     | ND          | 100               | PASS      |
| SALMONELLA SPP.               | ND          | Any amt in 1 gram | PASS      |
| SHIGA TOXIN-PRODUCING E. COLI | ND          | Any amt in 1 gram | PASS      |
| YEAST & MOLD                  | ND          | 10000             | PASS      |

AA-LAB-02, AA-LAB-03: MYCOTOXIN PROFILE BY LCMSTQ // OCT 02, 2025

| ANALYTE      | AMT (µg/kg) | LIMIT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|-------------|---------------|-----------------|-----------|
| AFLATOXIN B1 | ND          | N/A           | 1.409/4.269     | N/A       |
| AFLATOXIN B2 | ND          | N/A           | 0.862/2.611     | N/A       |
| AFLATOXIN G1 | ND          | N/A           | 1.989/6.026     | N/A       |
| AFLATOXIN G2 | ND          | N/A           | 1.519/4.603     | N/A       |
| AFLATOXINS   | ND          | 20            |                 | PASS      |
| OCHRATOXIN A | ND          | 20            | 3.101/9.396     | PASS      |

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AA-LAB-02: PESTICIDE PROFILE BY LCMSTQ // OCT 02, 2025

| ANALYTE                  | AMT (µg/g) | LIMIT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------------|------------|--------------|----------------|-----------|
| ABAMECTIN                | ND         | 0.5          | 0.101/0.305    | PASS      |
| ACEPHATE                 | ND         | 0.4          | 0.033/0.099    | PASS      |
| ACEQUINOCYL              | ND         | 2            | 0.015/0.046    | PASS      |
| ACETAMIPRID              | ND         | 0.2          | 0.018/0.053    | PASS      |
| ALDICARB                 | ND         | 0.4          | 0.016/0.049    | PASS      |
| AZOXYSTROBIN             | ND         | 0.2          | 0.017/0.052    | PASS      |
| BIFENAZATE               | ND         | 0.2          | 0.019/0.056    | PASS      |
| BIFENTHRIN               | ND         | 0.2          | 0.023/0.070    | PASS      |
| BOSCALID                 | ND         | 0.4          | 0.022/0.065    | PASS      |
| CARBARYL                 | ND         | 0.2          | 0.034/0.102    | PASS      |
| CARBOFURAN               | ND         | 0.2          | 0.017/0.052    | PASS      |
| CHLORANTRANIL-<br>IPROLE | ND         | 0.2          | 0.021/0.064    | PASS      |
| CHLORFENAPYR             | ND         | 1            | 0.069/0.209    | PASS      |
| CHLORMEQUAT CHLORIDE     | ND         | 0.2          | 0.017/0.052    | PASS      |
| CHLORPYRIFOS             | ND         | 0.2          | 0.019/0.059    | PASS      |
| CLOFENTEZINE             | ND         | 0.2          | 0.024/0.072    | PASS      |
| CYFLUTHRIN               | ND         | 1            | 0.173/0.523    | PASS      |
| CYPERMETHRIN             | ND         | 1            | 0.052/0.157    | PASS      |
| DAMINOZIDE               | ND         | 1            | 0.043/0.131    | PASS      |
| DIAZINON                 | ND         | 0.2          | 0.022/0.067    | PASS      |
| DICHLORVOS               | ND         | 0.1          | 0.024/0.071    | PASS      |
| DIMETHOATE               | ND         | 0.2          | 0.016/0.047    | PASS      |
| ETHOPROPHOS              | ND         | 0.2          | 0.029/0.088    | PASS      |
| ETOFENPROX               | ND         | 0.4          | 0.016/0.047    | PASS      |
| ETOXAZOLE                | ND         | 0.2          | 0.015/0.047    | PASS      |
| FENOXYCARB               | ND         | 0.2          | 0.020/0.062    | PASS      |
| FENPYROXIMATE            | ND         | 0.4          | 0.014/0.042    | PASS      |
| FIPRONIL                 | ND         | 0.4          | 0.053/0.160    | PASS      |
| FLONICAMID               | ND         | 1            | 0.017/0.052    | PASS      |
| FLUDIOXONIL              | ND         | 0.4          | 0.019/0.057    | PASS      |
| HEXYTHIAZOX              | ND         | 1            | 0.023/0.069    | PASS      |
| IMAZALIL                 | ND         | 0.2          | 0.030/0.092    | PASS      |
| IMIDACLOPRID             | ND         | 0.4          | 0.017/0.052    | PASS      |
| KRESOXIM-<br>METHYL      | ND         | 0.4          | 0.025/0.074    | PASS      |
| MALATHION                | ND         | 0.2          | 0.024/0.073    | PASS      |
| METALAXYL                | ND         | 0.2          | 0.033/0.100    | PASS      |
| METHIOCARB               | ND         | 0.2          | 0.048/0.146    | PASS      |
| METHOMYL                 | ND         | 0.4          | 0.017/0.053    | PASS      |
| METHYL PARATHION         | ND         | 0.2          | 0.022/0.066    | PASS      |
| MYCLOBUTANIL             | ND         | 0.2          | 0.040/0.120    | PASS      |
| NALED                    | ND         | 0.5          | 0.054/0.164    | PASS      |
| OXAMYL                   | ND         | 1            | 0.016/0.049    | PASS      |
| PACLOBUTRAZOL            | ND         | 0.4          | 0.018/0.053    | PASS      |
| PERMETHRIN               | ND         | 0.2          | 0.054/0.163    | PASS      |
| PHOSMET                  | ND         | 0.2          | 0.020/0.059    | PASS      |
| PIPERONYLBUTO-<br>XIDE   | ND         | 2            | 0.017/0.051    | PASS      |
| PRALLETHRIN              | ND         | 0.2          | 0.031/0.095    | PASS      |
| PROPICONAZOLE            | ND         | 0.4          | 0.023/0.069    | PASS      |
| PROPOXUR                 | ND         | 0.2          | 0.025/0.075    | PASS      |
| PYRETHRINS               | ND         | 1            | 0.010/0.029    | PASS      |
| PYRIDABEN                | ND         | 0.2          | 0.018/0.055    | PASS      |
| SPINOSAD                 | ND         | 0.2          | 0.017/0.052    | PASS      |
| SPIROMESIFEN             | ND         | 0.2          | 0.016/0.049    | PASS      |
| SPIROTETRAMAT            | ND         | 0.2          | 0.021/0.064    | PASS      |
| SPIROXAMINE              | ND         | 0.4          | 0.018/0.055    | PASS      |
| TEBUCONAZOLE             | ND         | 0.4          | 0.026/0.078    | PASS      |
| THIACLOPRID              | ND         | 0.2          | 0.023/0.071    | PASS      |
| THIAMETHOXAM             | ND         | 0.2          | 0.016/0.050    | PASS      |
| TRIFLOXYSTROB-<br>IN     | ND         | 0.2          | 0.020/0.060    | PASS      |

AA-LAB-06: HEAVY METAL PROFILE BY ICP-MS // OCT 03, 2025

RESULTS CERTIFIED BY: BRANDI GOODMAN  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
OCT 07, 2025

Brandi Goodman



# REGULATORY COMPLIANCE TESTING

AAL-250930-008

| ANALYTE  | AMT (µg/g) | LIMIT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|----------|------------|--------------|----------------|-----------|
| ARSENIC  | ND         | 0.2          | 0.054/0.109    | PASS      |
| CADMIUM  | ND         | 0.2          | 0.048/0.096    | PASS      |
| CHROMIUM | ND         | 0.6          | 0.072/0.145    | PASS      |
| COPPER   | ND         | 3            | 0.070/0.140    | PASS      |
| LEAD     | ND         | 0.5          | 0.050/0.101    | PASS      |
| MERCURY  | ND         | 0.1          | 0.027/0.053    | PASS      |
| NICKEL   | ND         | 0.5          | 0.058/0.116    | PASS      |

## AA-LAB-08: WATER ACTIVITY // OCT 01, 2025

| ANALYTE        | AMT (Aw) | LIMIT (Aw) | PASS/FAIL |
|----------------|----------|------------|-----------|
| WATER ACTIVITY | 0.472    | N/A        | N/A       |

## AA-LAB-11: FOREIGN MATERIAL // OCT 01, 2025

| ANALYTE                                  | AMT (%) | LIMIT (%) | PASS/FAIL |
|------------------------------------------|---------|-----------|-----------|
| IMBEDDED FOREIGN MATERIAL                | ND      | 25        | PASS      |
| INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT | ND      | 1 Unit    | PASS      |
| MOLD                                     | ND      | 25        | PASS      |
| SAND, SOIL, CINDERS, DIRT                | ND      | 25        | PASS      |

## AA-LAB-05: RESIDUAL SOLVENT PROFILE BY GC/MSD/HS // OCT 01, 2025

| ANALYTE            | AMT (µg/g) | LIMIT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------|------------|--------------|----------------|-----------|
| 2-PROPANOL         | ND         | 5000         | 24.991/137.265 | PASS      |
| ACETONE            | ND         | 1000         | 24.991/118.847 | PASS      |
| ACETONITRILE       | ND         | 410          | 24.993/126.924 | PASS      |
| BENZENE            | ND         | 2            | 0.251/1.181    | PASS      |
| BUTANES            | 115.286    | 5000         |                | PASS      |
| BUTANE             | 115.286    | N/A          | 12.515/63.833  | N/A       |
| ISOBUTANE          | ND         | N/A          | 12.504/64.649  | N/A       |
| CHLOROFORM         | ND         | 60           | 0.250/1.293    | PASS      |
| DICHLOROMETHANE    | ND         | 600          |                | PASS      |
| ETHANOL            | ND         | 5000         | 24.994/136.749 | PASS      |
| ETHYL ACETATE      | ND         | 5000         | 24.994/111.122 | PASS      |
| ETHYL ETHER        | ND         | 5000         |                | PASS      |
| HEPTANE            | ND         | 5000         | 24.995/106.097 | PASS      |
| HEXANES            | ND         | 290          |                | PASS      |
| HEXANE             | ND         | N/A          | 5.000/24.347   | N/A       |
| 2-METHYLPENTANE    | ND         | N/A          | 5.000/22.810   | N/A       |
| 3-METHYLPENTANE    | ND         | N/A          | 5.001/22.839   | N/A       |
| 2,2-DIMETHYLBUTANE | ND         | N/A          | 5.001/23.703   | N/A       |
| 2,3-DIMETHYLBUTANE | ND         | N/A          | 5.004/23.526   | N/A       |
| ISOPROPYL ACETATE  | ND         | 5000         | 24.994/116.143 | PASS      |
| METHANOL           | ND         | 3000         | 24.993/132.900 | PASS      |
| PENTANES           | ND         | 5000         |                | PASS      |
| PENTANE            | ND         | N/A          | 8.333/40.580   | N/A       |
| ISOPENTANE         | ND         | N/A          | 8.334/41.308   | N/A       |
| NEOPENTANE         | ND         | N/A          | 8.274/42.000   | N/A       |
| PROPANE            | ND         | 5000         | 25.026/131.928 | PASS      |
| TOLUENE            | ND         | 890          | 24.994/104.923 | PASS      |
| TOTAL XYLENES      | ND         | 2170         |                | PASS      |
| ETHYLBENZENE       | ND         | N/A          | 6.251/29.304   | N/A       |
| O-XYLENE           | ND         | N/A          | 6.253/29.213   | N/A       |
| P- AND M-XYLENE    | ND         | N/A          | 12.504/58.696  | N/A       |

RESULTS CERTIFIED BY: BRANDI GOODMAN  
LAB DIRECTOR, ALCHEMY ANALYTICS, LLC  
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