



Accreditation #120090

Proficiency Testing:  
PHENOVA

# ANALYTICAL

## Delta 9 Analytical

Professional, Accurate, Responsive

**Laboratory Location**

6308 Angus Drive, Ste B  
Raleigh NC 27617  
919-673-7153 / 919-450-1870  
frank@delta9analytical.com  
michael@delta9analytical.com

NC Controlled Substance License #:

NC-DHHS-1004369

DEA Controlled Substance License #:

RD0577986

|                                                 |                                             |                           |                                |
|-------------------------------------------------|---------------------------------------------|---------------------------|--------------------------------|
| Client Name: <b>Cypress Hemp LLC</b>            | Sample Type: <b>Beverage</b>                | Test: <b>Full Panel</b>   | Received Date: <b>09122025</b> |
| Client Address: <b>10771 Perkins Rd Suite A</b> | Sample Matrix: <b>Infused Seltzer</b>       | Size: <b>355mL (12oz)</b> | Run Date: <b>09122025</b>      |
| <b>Baton Rouge, LA 70810</b>                    | Sample ID: <b>28000</b>                     |                           | Report Date: <b>09172025</b>   |
| Hemp Lic Permit:                                | Sample Name: <b>Hiatus 5:125mg Lemonade</b> |                           |                                |

Overall Sample Status

**PASS****CANNABINOID SUMMARY**

**TOTAL CANNABINOIDS:** 0.0345%  
0.3446 mg/g (122 mgs)  
**CBD:** 0.3316 mg/g (118 mgs)  
**TOTAL THC:** 0.0013%  
**Δ9-THC:** 0.0130 mg/g (4.61 mgs)

**Disclaimer:** Cypress Hemp Hiatus - Lemonade contains **5mg** of hemp-derived **D9-THC** and **125mg** of hemp-derived **CBD** per 355mL can with **5mg** of **D9-THC** and **125mg** of **CBD** per serving.

**BATCH PHOTO****B# 1426****CANNABINOIDS** (Liquid Chromatography Mass Spectrometry - LCMS)**MOISTURE** (loss on drying): **NT**

| ANALYTE                     | MASS (%) | MASS (mg/g) | LOQ (%) | ANALYTE                       | MASS (%) | MASS (mg/g) | LOQ (%) |
|-----------------------------|----------|-------------|---------|-------------------------------|----------|-------------|---------|
| Cannabinol (CBN)            | ND       | ND          | 0.0001  | 9S-Hexahydrocannabinol (HHCS) | ND       | ND          | 0.0001  |
| Δ8-THC                      | ND       | ND          | 0.0001  | 9R-Hexahydrocannabinol (HHCR) | ND       | ND          | 0.0001  |
| Cannabichromene (CBC)       | ND       | ND          | 0.0001  | Cannabidiolic Acid (CBDA)     | ND       | ND          | 0.0001  |
| Cannabigerol (CBG)          | ND       | ND          | 0.0001  | Δ9-THC Acid (THCA)            | ND       | ND          | 0.0001  |
| Cannabidiol (CBD)           | 0.0332   | 0.3316      | 0.0001  | THC-varian (THCV)             | ND       | ND          | 0.0001  |
| Cannabigerolic Acid (CBGA)  | ND       | ND          | 0.0001  | ***Δ9-THC                     | 0.0013   | 0.0130      | 0.0001  |
| Cannabidivarin (CBDV)       | ND       | ND          | 0.0001  | **TOTAL CANNABINOIDS          | 0.0345   | 0.3446      |         |
| Cannabidivarin Acid (CBDVA) | ND       | ND          | 0.0001  | *TOTAL THC                    | 0.0013   | 0.0130      |         |
| Cannabicitran (CBT)         | ND       | ND          | 0.0001  | *TOTAL CBD                    | 0.0332   | 0.3316      |         |
| 6aR,9S-Δ10-THC              | ND       | ND          | 0.0001  | *TOTAL CBG                    | ND       | ND          |         |
| 6aR,9R-Δ10-THC              | ND       | ND          | 0.0001  | *TOTAL CBDV                   | ND       | ND          |         |
| THC-O-Acetate (THCO)        | ND       | ND          | 0.0001  | TOTAL Δ10-THC                 | ND       | ND          |         |
| THCp                        | ND       | ND          | 0.0001  | TOTAL HHC                     | ND       | ND          |         |

\*Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%\*(0.877) + Δ9-THC%. \*\*Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

**RESULT CERTIFICATION**

09172025

Frank P. Mauro/Michael R. Horton/Brittany A. Maggs

Frank P. Mauro COO/Michael R. Horton CSO &amp; Date



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**PESTICIDES** (Analysis by LC/GC/TQ)

| Analyte              | LOD ppm | LOQ ppm | Result ppm | Limit ppm | Status | Analyte                  | LOD ppm | LOQ ppm | Result ppm | Limit ppm | Status |
|----------------------|---------|---------|------------|-----------|--------|--------------------------|---------|---------|------------|-----------|--------|
| Abamectin            | 0.063   | 0.125   | ND         | 0.5       | PASS   | Flonicamid               | 0.063   | 0.125   | ND         | 1         | PASS   |
| Acephate             | 0.063   | 0.125   | ND         | 0.4       | PASS   | Fludioxonil              | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Acequinocyl          | 0.063   | 0.125   | ND         | 2         | PASS   | Hexythiazox              | 0.063   | 0.125   | ND         | 1         | PASS   |
| Acetamiprid          | 0.063   | 0.125   | ND         | 0.2       | PASS   | Imazalil                 | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Aldicarb             | 0.063   | 0.125   | ND         | 0.4       | PASS   | Imidacloprid             | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Azoxystrobin         | 0.063   | 0.125   | ND         | 0.2       | PASS   | Kresoxim Methyl          | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Bifenazate           | 0.063   | 0.125   | ND         | 0.2       | PASS   | Malathion                | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Bifenthrin           | 0.063   | 0.125   | ND         | 0.2       | PASS   | Metalaxyl                | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Boscalid             | 0.063   | 0.125   | ND         | 0.4       | PASS   | Methiocarb               | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Captan               | 0.030   | 0.102   | ND         | --        | PASS   | Methomyl                 | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Carbaryl             | 0.063   | 0.125   | ND         | 0.2       | PASS   | Methyl Parathion         | 0.008   | 0.022   | ND         | 0.2       | PASS   |
| Carbofuran           | 0.063   | 0.125   | ND         | 0.2       | PASS   | Mevinphos                | 0.063   | 0.125   | ND         | --        | PASS   |
| Chlorantraniliprole  | 0.063   | 0.125   | ND         | 0.2       | PASS   | Myclobutanil             | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Chlordane-cis        | 0.004   | 0.013   | ND         | --        | PASS   | Naled                    | 0.063   | 0.125   | ND         | 0.5       | PASS   |
| Chlordane-trans      | 0.003   | 0.011   | ND         | --        | PASS   | Oxamyl                   | 0.063   | 0.125   | ND         | 1         | PASS   |
| Chlorfenapyr         | 0.014   | 0.048   | ND         | 1         | PASS   | Paclobutrazol            | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Chlormequat Chloride | 0.063   | 0.125   | ND         | 0.2       | PASS   | Pentachloro nitrobenzene | 0.012   | 0.041   | ND         | --        | PASS   |
| Chlorpyrifos         | 0.063   | 0.125   | ND         | 0.2       | PASS   | Permethrins              | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Clofentezine         | 0.063   | 0.125   | ND         | 0.2       | PASS   | Phosmet                  | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Coumaphos            | 0.063   | 0.125   | ND         | --        | PASS   | Piperonyl Butoxide       | 0.063   | 0.125   | ND         | 2         | PASS   |
| Cyfluthrin           | 0.313   | 0.625   | ND         | 1         | PASS   | Prallethrin              | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Cypermethrin         | 0.063   | 0.125   | ND         | 1         | PASS   | Propiconazole            | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Daminozide           | 0.063   | 0.125   | ND         | 1         | PASS   | Propoxur                 | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Diazinon             | 0.063   | 0.125   | ND         | 0.1       | PASS   | Pyrethrins               | 0.063   | 0.125   | ND         | 1         | PASS   |
| Dichlorvos           | 0.063   | 0.125   | ND         | 0.2       | PASS   | Pyridaben                | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Dimethoate           | 0.063   | 0.125   | ND         | 0.2       | PASS   | Spinetoram               | 0.063   | 0.125   | ND         | --        | PASS   |
| Dimethomorph         | 0.063   | 0.125   | ND         | --        | PASS   | Spinosad                 | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Ethoprophos          | 0.063   | 0.125   | ND         | 0.2       | PASS   | Spiromesifen             | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Etofenprox           | 0.063   | 0.125   | ND         | 0.4       | PASS   | Spirotetramat            | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Etoazole             | 0.063   | 0.125   | ND         | 0.2       | PASS   | Spiroxamine              | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Fenhexamid           | 0.063   | 0.125   | ND         | --        | PASS   | Tebuconazole             | 0.063   | 0.125   | ND         | 0.4       | PASS   |
| Fenoxycarb           | 0.063   | 0.125   | ND         | 0.2       | PASS   | Thiacloprid              | 0.063   | 0.125   | ND         | --        | PASS   |
| Fenpyroximate        | 0.063   | 0.125   | ND         | 0.4       | PASS   | Thiamethoxam             | 0.063   | 0.125   | ND         | 0.2       | PASS   |
| Fipronil             | 0.063   | 0.125   | ND         | 0.4       | PASS   | Trifloxystrobin          | 0.063   | 0.125   | ND         | 0.2       | PASS   |

**LOD** = Level of Detection; **LOQ** = Level of Quantification; **ND** = Not Detected; **NT** = Not Tested

**RESULT CERTIFICATION**

09172025

Frank P. Mauro/Michael R. Horton/Brittany A. Magge

Frank P. Mauro COO/Michael R. Horton CSO & Date



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**HEAVY METALS** (Analysis by ICP-MS)

| Analyte | LOD (PPM) | LOQ (PPM) | Results (PPM) | Limit (PPM) | Status | Analyte | LOD (PPM) | LOQ (PPM) | Results (PPM) | Limit (PPM) | Status |
|---------|-----------|-----------|---------------|-------------|--------|---------|-----------|-----------|---------------|-------------|--------|
| Arsenic | 0.000509  | 0.002062  | ND            | 1.5         | PASS   | Lead    | 0.000255  | 0.000515  | 0.001         | 1           | PASS   |
| Cadmium | 0.000256  | 0.000509  | ND            | 0.4         | PASS   | Mercury | 0.000025  | 0.000057  | ND            | 1.2         | PASS   |

ND = Not Detected; NT = Not Tested

**MYCOTOXINS** (Analysis by LC/TQ)

| Toxin        | LOD (PPM) | LOQ (PPM) | Results (PPM) | Limit (PPM) | Status | Toxin            | LOD (PPM) | LOQ (PPM) | Results (PPM) | Limit (PPM) | Status |
|--------------|-----------|-----------|---------------|-------------|--------|------------------|-----------|-----------|---------------|-------------|--------|
| Aflatoxin B1 | 0.001     | 0.002     | ND            | --          | PASS   | Aflatoxin G2     | 0.001     | 0.002     | ND            | --          | PASS   |
| Aflatoxin B2 | 0.001     | 0.002     | ND            | --          | PASS   | TOTAL Aflatoxins | NA        | NA        | ND            | 0.02        | PASS   |
| Aflatoxin G1 | 0.001     | 0.002     | ND            | --          | PASS   | Ochratoxin A     | 0.001     | 0.002     | ND            | 0.02        | PASS   |

ND = Not Detected; NT = Not Tested

**MICROBIALS**

| Organism                | LOQ (CFU/g) | LOQ (CFU/g) | Results (CFU/g) | Limit (CFU/g) | Status | Organism                       | LOQ (CFU/g) | LOQ (CFU/g) | Results (CFU/g) | Limit (CFU/g) | Status |
|-------------------------|-------------|-------------|-----------------|---------------|--------|--------------------------------|-------------|-------------|-----------------|---------------|--------|
| #Enterobacteriaceae     | 10          | 10          | ND              | --            | PASS   | *Aspergillus Flavus            | NA          | NA          | ND              | --            | PASS   |
| #Total Aerobic Count    | 10          | 10          | ND              | --            | PASS   | *Aspergillus Fumigatus         | NA          | NA          | ND              | --            | PASS   |
| #Total Mold             | 10          | 10          | ND              | --            | PASS   | *Aspergillus Niger             | NA          | NA          | ND              | --            | PASS   |
| #Total Yeast            | 10          | 10          | ND              | --            | PASS   | *Aspergillus Spp               | NA          | NA          | ND              | --            | PASS   |
| #Total Yeast/Mold       | 10          | 10          | ND              | 100000        | PASS   | *Aspergillus Terreus           | NA          | NA          | ND              | --            | PASS   |
| ^Total Coliforms        | 10          | 10          | ND              | --            | PASS   | *Salmonella Spp                | NA          | NA          | ND              | 1             | PASS   |
| *Listeria monocytogenes | NA          | NA          | ND              | --            | PASS   | *Shiga Toxin Producing E. coli | NA          | NA          | ND              | 1             | PASS   |
| Total Ecoli             | 10          | 10          | ND              | 100           | PASS   |                                |             |             |                 |               |        |

\*Analysis by qPCR    ^ Analysis by 3M CC Plates    #Analysis by 25g Plate Full Range

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**RESIDUAL SOLVENTS** (Analysis by GC)

| Solvent            | LOD (PPM) | LOQ (PPM) | Result (PPM) | LIMIT (PPM) | Status | Solvent            | LOD (PPM) | LOQ (PPM) | Result (PPM) | LIMIT (PPM) | Status |
|--------------------|-----------|-----------|--------------|-------------|--------|--------------------|-----------|-----------|--------------|-------------|--------|
| 1,2-Dichloroethane | 0.5       | 1.00      | ND           | --          | PASS   | Ethylene Oxide     | 0.15      | 0.49      | ND           | --          | PASS   |
| 2-Methylbutane     | 1.54      | 5.14      | ND           | --          | PASS   | Heptane            | 1.31      | 4.37      | ND           | 1000        | PASS   |
| 2-Methylpentane    | 0.046     | 0.154     | ND           | --          | PASS   | Hexane             | 1.42      | 4.74      | ND           | 60          | PASS   |
| 2,2-Dimethylbutane | 0.98      | 3.27      | ND           | --          | PASS   | Isobutane          | 1.6       | 5.34      | ND           | --          | PASS   |
| 2,3-Dimethylbutane | 2.19      | 7.32      | ND           | --          | PASS   | Isopropyl Alcohol  | 4.9       | 16.3      | ND           | 1000        | PASS   |
| 3-Methylpentane    | 0.73      | 2.44      | ND           | --          | PASS   | Methanol           | 7.89      | 26.4      | ND           | 600         | PASS   |
| Acetone            | 1.57      | 5.23      | ND           | 1000        | PASS   | Methylene Chloride | 1.36      | 4.53      | ND           | --          | PASS   |
| Acetonitrile       | 1.85      | 6.17      | ND           | --          | PASS   | Neopentane         | 1.49      | 4.97      | ND           | --          | PASS   |
| Benzene            | 0.18      | 0.5       | ND           | 2           | PASS   | Pentane            | 1.46      | 4.87      | ND           | 1000        | PASS   |
| Butane             | 1.68      | 5.59      | ND           | 1000        | PASS   | Propane            | 1.95      | 6.51      | ND           | 1000        | PASS   |
| Chloroform         | 0.78      | 1         | ND           | --          | PASS   | Toluene            | 1.88      | 6.26      | ND           | 180         | PASS   |
| Ethanol            | 6.02      | 20.1      | 2,960        | 5000        | PASS   | Total Xylenes      | 2.02      | 6.72      | ND           | 430         | PASS   |
| Ethyl Acetate      | 1.95      | 6.49      | ND           | 1000        | PASS   | Trichloroethylene  | 0.29      | 0.96      | ND           | --          | PASS   |
| Ethyl Ether        | 1.37      | 4.55      | ND           | --          | PASS   |                    |           |           |              |             |        |

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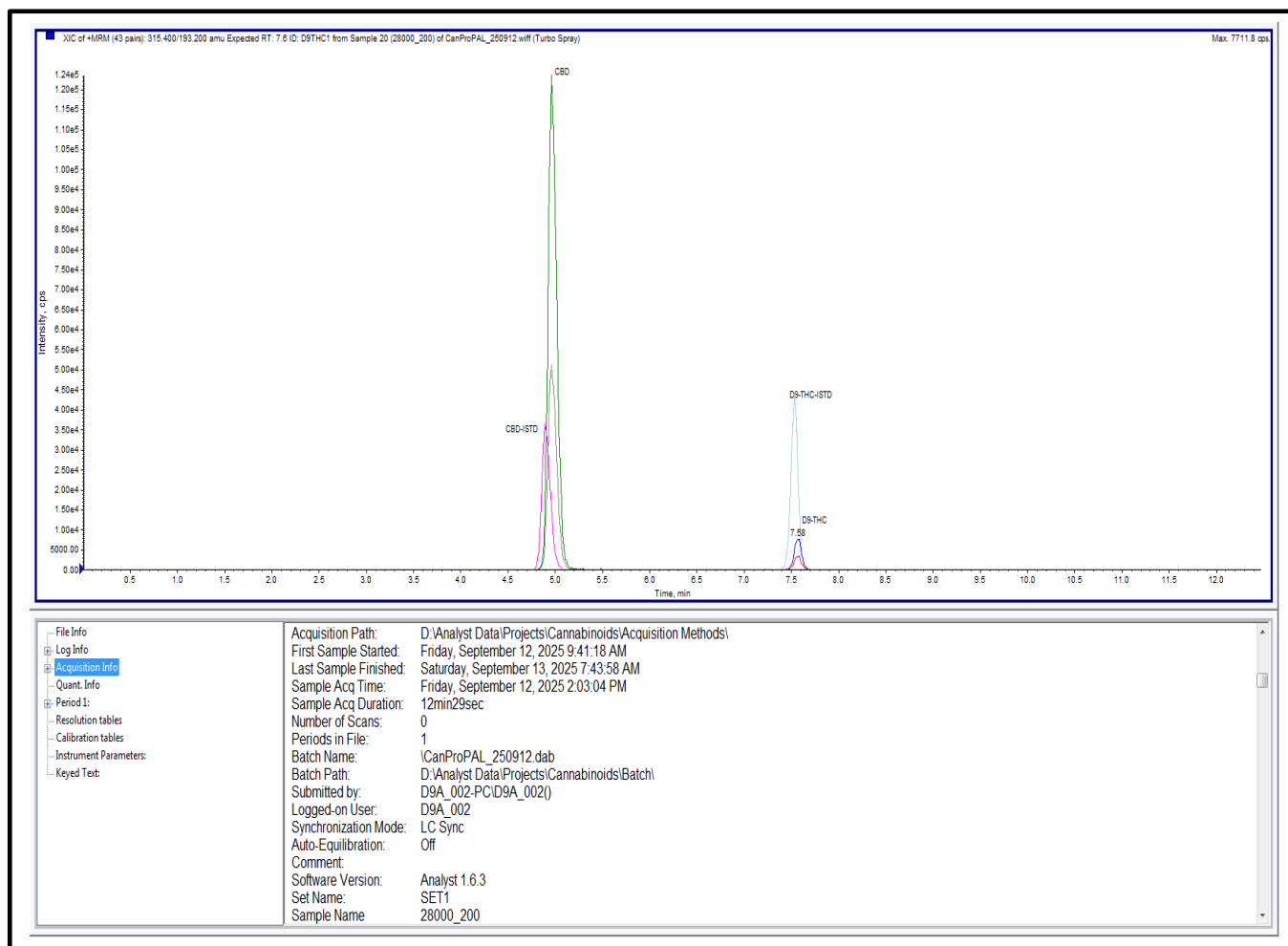
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## POTENCY REPORT (ABSciex LCMS Triple Quad)

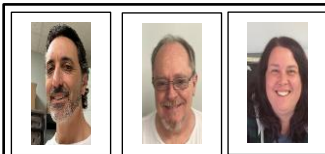


### RESULT CERTIFICATION

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## Certificate of Analysis

Compliance Test

**Client Information:**

**CYPRESS HEMP LLC**  
10771 Perkins Rd  
Suite A  
BATON ROUGE, LA 70810

Batch # 1426  
Batch Date: 2026-05-15  
Extracted From: Hemp

Test Reg State: Alabama

Order # CYP260515-070001  
Order Date: 2026-05-15  
Sample # AAHR668

Sampling Date: 2026-05-20  
Lab Batch Date: 2026-05-20  
Completion Date: 2026-05-22

Volume: 355 ml  
Serving Number: 1.00000



Product Image



**Terpenes**  
Tested



**Mycotoxins**  
Passed



**Terpenes**

Specimen Weight: 451.000 mg

Dilution Factor: 1.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)  | Analyte             | LOQ (%) | Result (mg/g) | (%)  |
|---------------------|---------|---------------|------|---------------------|---------|---------------|------|
| (+)-Cedrol          | 0.002   | <LOQ          | <LOQ | Fenchyl Alcohol     | 0.002   | <LOQ          | <LOQ |
| (R)-(+)-Limonene    | 0.002   | <LOQ          | <LOQ | Gamma-Terpinene     | 0.002   | <LOQ          | <LOQ |
| 3-Carene            | 0.002   | <LOQ          | <LOQ | Geraniol            | 0.002   | <LOQ          | <LOQ |
| alpha-Bisabolol     | 0.002   | <LOQ          | <LOQ | Geranyl acetate     | 0.002   | <LOQ          | <LOQ |
| alpha-Cedrene       | 0.002   | <LOQ          | <LOQ | Guaiol              | 0.002   | <LOQ          | <LOQ |
| alpha-Humulene      | 0.002   | <LOQ          | <LOQ | Hexahydrothymol     | 0.002   | <LOQ          | <LOQ |
| alpha-Phellandrene  | 0.002   | <LOQ          | <LOQ | Isoborneol          | 0.002   | <LOQ          | <LOQ |
| alpha-Pinene        | 0.002   | <LOQ          | <LOQ | Isopulegol          | 0.002   | <LOQ          | <LOQ |
| alpha-Terpinene     | 0.002   | <LOQ          | <LOQ | Linalool            | 0.002   | <LOQ          | <LOQ |
| beta-Myrcene        | 0.002   | <LOQ          | <LOQ | Nerol               | 0.002   | <LOQ          | <LOQ |
| beta-Pinene         | 0.002   | <LOQ          | <LOQ | Ocimene             | 0.00033 | <LOQ          | <LOQ |
| Borneol             | 0.004   | <LOQ          | <LOQ | Pulegone            | 0.002   | <LOQ          | <LOQ |
| Camphene            | 0.002   | <LOQ          | <LOQ | Sabinene            | 0.002   | <LOQ          | <LOQ |
| Camphors            | 0.006   | <LOQ          | <LOQ | Sabinene Hydrate    | 0.002   | <LOQ          | <LOQ |
| Caryophyllene oxide | 0.002   | <LOQ          | <LOQ | Terpinolene         | 0.002   | <LOQ          | <LOQ |
| cis-Nerolidol       | 0.002   | <LOQ          | <LOQ | Total Terpeneol     | 0.002   | <LOQ          | <LOQ |
| Eucalyptol          | 0.002   | <LOQ          | <LOQ | trans-Caryophyllene | 0.002   | <LOQ          | <LOQ |
| Farnesene           | 0.002   | <LOQ          | <LOQ | trans-Nerolidol     | 0.002   | <LOQ          | <LOQ |
| Fenchone            | 0.002   | <LOQ          | <LOQ | Valencene           | 0.002   | <LOQ          | <LOQ |



**Mycotoxins**

Specimen Weight: 582.100 mg

Dilution Factor: 2.580

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.0400E-1 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 2.7100E-1 | 6         | 20                 | <LOQ         |
| Aflatoxin B2 | 7.7000E-2 | 6         | 20                 | <LOQ         | Ochratoxin A | 7.5400E-1 | 3.8       | 20                 | <LOQ         |
| Aflatoxin G1 | 3.0400E-1 | 6         | 20                 | <LOQ         |              |           |           |                    |              |



**Total Terpenes: 0.000%**

*Aixia Sun*

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Delta-9 THC = Delta-9 THC + THCA, Total Active THC = Total Delta-9 THC + Delta-9a-THC + Delta-8 THC + Delta-10 THC + Delta-8 THC-O-Acetate + THC-O-Acetate + Delta-10 THC-O-Acetate, Total THCV = THCV + (THCVA \* 0.877), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, The results apply to the sample as received.

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