



License No. 800025015  
FL License # CMTL-0003  
CLIA No. 10D1094068

## Certificate of Analysis

Compliance Test

**3CHI**  
274 MEDICAL DR # 875  
CARMEL, IN 46082

Batch # 210827-CBNCBD  
Batch Date: 2021-08-27  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # 3CH210827-160046  
Order Date: 2021-08-27  
Sample # AABV183

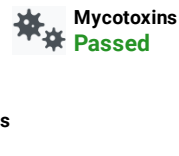
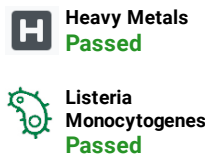
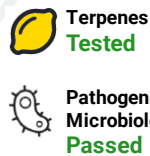
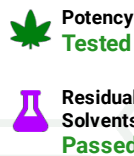
Sampling Date: 2021-08-31  
Lab Batch Date: 2021-08-31  
Completion Date: 2021-09-06

Initial Gross Weight: 81.974 g  
Net Weight: 28.068 g

Number of Units: 1  
Net Weight per Unit: 28068.000 mg



Product Image



### Delta 8/Delta 10 Potency 12

Specimen Weight: 86.650 mg

| Analyte      | Dilution (1:n) | LOD (%)  | LOQ (%) | Result (mg/g) | (%)   |
|--------------|----------------|----------|---------|---------------|-------|
| CBD          | 10.000         | 0.000054 | 0.001   | 37.820        | 3.782 |
| CBN          | 10.000         | 0.000014 | 0.001   | 36.870        | 3.687 |
| CBC          | 10.000         | 0.000018 | 0.001   | 0.361         | 0.036 |
| CBGA         | 10.000         | 0.000008 | 0.001   | 0.234         | 0.023 |
| THCV         | 10.000         | 0.000007 | 0.001   |               | <LOQ  |
| THCA-A       | 10.000         | 0.000032 | 0.001   |               | <LOQ  |
| Delta-10 THC | 1000.000       | 0.000003 | 0.001   |               | <LOQ  |
| Delta-8 THC  | 10.000         | 0.000026 | 0.001   |               | <LOQ  |
| Delta-9 THC  | 10.000         | 0.000013 | 0.001   |               | <LOQ  |
| CBG          | 10.000         | 0.000248 | 0.001   |               | <LOQ  |
| CBDV         | 10.000         | 0.000065 | 0.001   |               | <LOQ  |
| CBDA         | 10.000         | 0.00001  | 0.001   |               | <LOQ  |

### Tested (LCUV)



### Potency Summary

|                                       |                                          |
|---------------------------------------|------------------------------------------|
| Total Delta 8<br>None Detected        | Total Delta 10<br>None Detected          |
| Total THC<br>None Detected            | Total CBD<br>1,061.532mg                 |
| Total CBG<br>0.021% 5.894mg           | Total CBN<br>3.687% 1,034.867mg          |
| Other Cannabinoids<br>0.036% 10.104mg | Total Cannabinoids<br>7.526% 2,112.398mg |



### Terpenes Summary

| Analyte             | Result (mg/g) | (%)  |
|---------------------|---------------|------|
| trans-Caryophyllene | 1.003         | 0.1% |

**Total Terpenes: 0.100%**

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

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



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Test Reg State: Florida

Order # 3CH210827-160046  
Order Date: 2021-08-27  
Sample # AABV183

Sampling Date: 2021-08-31  
Lab Batch Date: 2021-08-31  
Completion Date: 2021-09-06

Initial Gross Weight: 81.974 g  
Net Weight: 28.068 g

Number of Units: 1  
Net Weight per Unit: 28068.000 mg



### Terpenes - FL

Specimen Weight: 86.650 mg

**Tested**  
(GC/GCMS)

Dilution Factor: 20.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)   | Analyte            | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|-------|--------------------|---------|---------------|-----|
| trans-Caryophyllene | 0.02    | 1.003         | 0.100 | (+)-Cedrol         | 0.02    | <LOQ          |     |
| Nerol               | 0.02    | <LOQ          |       | Geraniol           | 0.02    | <LOQ          |     |
| Geranyl acetate     | 0.02    | <LOQ          |       | Guaial             | 0.02    | <LOQ          |     |
| Hexahydrothymol     | 0.02    | <LOQ          |       | Isoborneol         | 0.02    | <LOQ          |     |
| Isopulegol          | 0.02    | <LOQ          |       | Linalool           | 0.02    | <LOQ          |     |
| Ocimene             | 0.014   | <LOQ          |       | Fenchyl Alcohol    | 0.02    | <LOQ          |     |
| Pulegone            | 0.02    | <LOQ          |       | Sabinene           | 0.02    | <LOQ          |     |
| Sabinene Hydrate    | 0.02    | <LOQ          |       | Terpinolene        | 0.02    | <LOQ          |     |
| Total Terpeneol     | 0.02    | <LOQ          |       | trans-Nerolidol    | 0.02    | <LOQ          |     |
| Gamma-Terpinene     | 0.02    | <LOQ          |       | Fenchone           | 0.02    | <LOQ          |     |
| (R)-(+)-Limonene    | 0.02    | <LOQ          |       | 3-Carene           | 0.02    | <LOQ          |     |
| alpha-Bisabolol     | 0.02    | <LOQ          |       | alpha-Cedrene      | 0.02    | <LOQ          |     |
| alpha-Humulene      | 0.02    | <LOQ          |       | alpha-Phellandrene | 0.02    | <LOQ          |     |
| alpha-Pinene        | 0.02    | <LOQ          |       | alpha-Terpinene    | 0.02    | <LOQ          |     |
| Farnesene           | 0.02    | <LOQ          |       | beta-Myrcene       | 0.02    | <LOQ          |     |
| beta-Pinene         | 0.02    | <LOQ          |       | Borneol            | 0.04    | <LOQ          |     |
| Camphene            | 0.02    | <LOQ          |       | Camphors           | 0.04    | <LOQ          |     |
| Caryophyllene oxide | 0.02    | <LOQ          |       | cis-Nerolidol      | 0.02    | <LOQ          |     |
| Eucalyptol          | 0.02    | <LOQ          |       | Valencene          | 0.02    | <LOQ          |     |

**Total Terpenes: 0.100%**

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Sample # AABV183

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Lab Batch Date: 2021-08-31  
Completion Date: 2021-09-06

Initial Gross Weight: 81.974 g  
Net Weight: 28.068 g

Number of Units: 1  
Net Weight per Unit: 28068.000 mg



### Heavy Metals

Specimen Weight: 252.000 mg

**Passed**  
(ICP-MS)

Dilution Factor: 2.000

| Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|--------------------|--------------|--------------|-----------|--------------------|--------------|
| Arsenic (As) | 100       | 1500               | <LOQ         | Cadmium (Cd) | 100       | 500                | <LOQ         |
| Lead (Pb)    | 100       | 500                | <LOQ         | Mercury (Hg) | 100       | 3000               | <LOQ         |



### Mycotoxins

Specimen Weight: 186.300 mg

**Passed**  
(LCMS)

Dilution Factor: 8.052

| Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|--------------------|--------------|--------------|-----------|--------------------|--------------|
| Aflatoxin B1 | 6         | 20                 | <LOQ         | Aflatoxin B2 | 6         | 20                 | <LOQ         |
| Aflatoxin G1 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 6         | 20                 | <LOQ         |
| Ochratoxin A | 12        | 20                 | <LOQ         |              |           |                    |              |

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Ph.D., DABT  
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Test Reg State: Florida

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Order Date: 2021-08-27  
Sample # AABV183

Sampling Date: 2021-08-31  
Lab Batch Date: 2021-08-31  
Completion Date: 2021-09-06

Initial Gross Weight: 81.974 g  
Net Weight: 28.068 g

Number of Units: 1  
Net Weight per Unit: 28068.000 mg



### Pesticides FL V4

Specimen Weight: 186.300 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 8.052

| Analyte             | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                 | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---------------------|-----------|--------------------|--------------|-------------------------|-----------|--------------------|--------------|
| Abamectin           | 28.23     | 300                | <LOQ         | Acephate                | 30        | 3000               | <LOQ         |
| Acequinocyl         | 48        | 2000               | <LOQ         | Acetamidrid             | 30        | 3000               | <LOQ         |
| Aldicarb            | 30        | 100                | <LOQ         | Azoxystrobin            | 10        | 3000               | <LOQ         |
| Bifenazate          | 30        | 3000               | <LOQ         | Bifenthrin              | 30        | 500                | <LOQ         |
| Boscalid            | 10        | 3000               | <LOQ         | Captan                  | 30        | 3000               | <LOQ         |
| Carbaryl            | 10        | 500                | <LOQ         | Carbofuran              | 10        | 100                | <LOQ         |
| Chlorantraniliprole | 10        | 3000               | <LOQ         | Chlordane               | 10        | 100                | <LOQ         |
| Chlorfenapyr        | 30        | 100                | <LOQ         | Chloromequat Chloride   | 10        | 3000               | <LOQ         |
| Chlorpyrifos        | 30        | 100                | <LOQ         | Clofentazine            | 30        | 500                | <LOQ         |
| Coumaphos           | 48        | 100                | <LOQ         | Cyfluthrin              | 30        | 1000               | <LOQ         |
| Cypermethrin        | 30        | 1000               | <LOQ         | Daminozide              | 30        | 100                | <LOQ         |
| Diazinon            | 30        | 200                | <LOQ         | Dichlorvos              | 30        | 100                | <LOQ         |
| Dimethoate          | 30        | 100                | <LOQ         | Dimethomorph            | 48        | 3000               | <LOQ         |
| Ethoprophos         | 30        | 100                | <LOQ         | Etofenprox              | 30        | 100                | <LOQ         |
| Etoxazole           | 30        | 1500               | <LOQ         | Fenhexamid              | 10        | 3000               | <LOQ         |
| Fenoxycarb          | 30        | 100                | <LOQ         | Fenpyroximate           | 30        | 2000               | <LOQ         |
| Fipronil            | 30        | 100                | <LOQ         | Flonicamid              | 30        | 2000               | <LOQ         |
| Fludioxonil         | 48        | 3000               | <LOQ         | Hexythiazox             | 30        | 2000               | <LOQ         |
| Imazalil            | 30        | 100                | <LOQ         | Imidacloprid            | 30        | 3000               | <LOQ         |
| Kresoxim Methyl     | 30        | 1000               | <LOQ         | Malathion               | 30        | 2000               | <LOQ         |
| Metaxalyl           | 10        | 3000               | <LOQ         | Methiocarb              | 30        | 100                | <LOQ         |
| Methomyl            | 30        | 100                | <LOQ         | methyl-Parathion        | 10        | 100                | <LOQ         |
| Mevinphos           | 10        | 100                | <LOQ         | Myclobutanil            | 30        | 3000               | <LOQ         |
| Naled               | 30        | 500                | <LOQ         | Oxamyl                  | 30        | 500                | <LOQ         |
| Paclobutrazol       | 30        | 100                | <LOQ         | Pentachloronitrobenzene | 10        | 200                | <LOQ         |
| Permethrin          | 30        | 1000               | <LOQ         | Phosmet                 | 30        | 200                | <LOQ         |
| Piperonylbutoxide   | 30        | 3000               | <LOQ         | Prallethrin             | 30        | 400                | <LOQ         |
| Propiconazole       | 30        | 1000               | <LOQ         | Propoxur                | 30        | 100                | <LOQ         |
| Pyrethrins          | 30        | 1000               | <LOQ         | Pyridaben               | 30        | 3000               | <LOQ         |
| Spinetoram          | 10        | 3000               | <LOQ         | Spinosad                | 30        | 3000               | <LOQ         |
| Spiromesifen        | 30        | 3000               | <LOQ         | Spirotetramat           | 30        | 3000               | <LOQ         |
| Spiroxamine         | 30        | 100                | <LOQ         | Tebuconazole            | 30        | 1000               | <LOQ         |
| Thiacloprid         | 30        | 100                | <LOQ         | Thiamethoxam            | 30        | 1000               | <LOQ         |
| Trifloxystrobin     | 30        | 3000               | <LOQ         |                         |           |                    |              |

*Xueli Gao*  
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Initial Gross Weight: 81.974 g  
Net Weight: 28.068 g

Number of Units: 1  
Net Weight per Unit: 28068.000 mg



### Residual Solvents - FL (CBD)

Specimen Weight: 12.300 mg

**Passed**  
(GCMS)

Dilution Factor: 1.000

| Analyte       | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte           | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|---------------|-----------|--------------------|--------------|-------------------|-----------|--------------------|--------------|
| Acetone       | 2.08      | 5000               | <LOQ         | Benzene           | 0.02      | 2                  | <LOQ         |
| Butanes       | 2.5       | 2000               | <LOQ         | Ethanol           | 2.78      | 5000               | <LOQ         |
| Ethyl Acetate | 1.11      | 5000               | <LOQ         | Heptane           | 1.39      | 5000               | <LOQ         |
| Hexane        | 1.17      | 290                | <LOQ         | Isopropyl alcohol | 1.39      | 500                | <LOQ         |
| Methanol      | 0.69      | 3000               | <LOQ         | Pentane           | 2.08      | 5000               | <LOQ         |
| Propane       | 5.83      | 2100               | <LOQ         | Toluene           | 2.92      | 890                | <LOQ         |
| Total Xylenes | 2.92      | 2170               | <LOQ         |                   |           |                    |              |



### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1008.080 mg

**Passed**  
(Micro Array)

Dilution Factor: 1.000

| Analyte            | Result (cfu/g) | Analyte               | Result (cfu/g) |
|--------------------|----------------|-----------------------|----------------|
| Aspergillus flavus | Absence in 1g  | Aspergillus fumigatus | Absence in 1g  |
| Aspergillus niger  | Absence in 1g  | Aspergillus terreus   | Absence in 1g  |
| Salmonella         | Absence in 1g  | STEC E. Coli          | Absence in 1g  |

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Net Weight per Unit: 28068.000 mg



### Listeria Monocytogenes

Specimen Weight: 990.400 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

| Analyte                | Action Level<br>(cfu/g) | Result        |
|------------------------|-------------------------|---------------|
| Listeria Monocytogenes | 1                       | Absence in 1g |

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



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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 (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 5%

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