



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

## Certificate of Analysis

Compliance Test

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

Batch # 211015-CDT-MEL  
Batch Date: 2021-10-13  
Extracted From: HEMP

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # 3CH211013-200002  
Order Date: 2021-10-13  
Sample # AACB068

Sampling Date: 2021-10-15  
Lab Batch Date: 2021-10-15  
Completion Date: 2021-10-22

Initial Gross Weight: 12.710 g



Product Image

**Potency**  
Tested  
 **Residual**  
Solvents  
Passed

**Terpenes**  
Tested  
 **Pathogenic**  
Microbiology  
Passed

**Heavy Metals**  
Passed  
 **Listeria**  
Monocytogenes  
Passed

**Mycotoxins**  
Passed

**Pesticides**  
Passed

### Delta 8/Delta 10 Potency 12

Specimen Weight: 46.410 mg

| Analyte      | Dilution (1:n) | LOD (%)  | LOQ (%) | Result (mg/g) | (%)    |
|--------------|----------------|----------|---------|---------------|--------|
| Delta-8 THC  | 100.000        | 0.000026 | 0.001   | 925.800       | 92.580 |
| Delta-10 THC | 1000.000       | 0.000003 | 0.001   | <LOQ          | <LOQ   |
| Delta-9 THC  | 100.000        | 0.000013 | 0.001   | <LOQ          | <LOQ   |
| CBC          | 100.000        | 0.000018 | 0.001   | <LOQ          | <LOQ   |
| CBD          | 100.000        | 0.000054 | 0.001   | <LOQ          | <LOQ   |
| THCV         | 100.000        | 0.000007 | 0.001   | <LOQ          | <LOQ   |
| THCA-A       | 100.000        | 0.000032 | 0.001   | <LOQ          | <LOQ   |
| CBN          | 100.000        | 0.000014 | 0.001   | <LOQ          | <LOQ   |
| CBGA         | 100.000        | 0.000008 | 0.001   | <LOQ          | <LOQ   |
| CBG          | 100.000        | 0.000248 | 0.001   | <LOQ          | <LOQ   |
| CBDV         | 100.000        | 0.000065 | 0.001   | <LOQ          | <LOQ   |
| CBDa         | 100.000        | 0.00001  | 0.001   | <LOQ          | <LOQ   |

**Tested**  
(LCUV)

### Potency Summary

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Total Delta 8<br>92.580%            | Total Delta 10<br>None Detected |
| Total THC<br>None Detected          | Total CBD<br>None Detected      |
| Total CBG<br>None Detected          | Total CBN<br>None Detected      |
| Other Cannabinoids<br>None Detected | Total Cannabinoids<br>92.580%   |

### Terpenes Summary

| Analyte             | Result (mg/g) | (%)    |
|---------------------|---------------|--------|
| trans-Caryophyllene | 17.577        | 1.758% |
| (R)-(+)-Limonene    | 6.299         | 0.63%  |
| beta-Myrcene        | 4.083         | 0.408% |
| Linalool            | 1.769         | 0.177% |
| Hexahydrothymol     | 1.24          | 0.124% |
| beta-Pinene         | 0.997         | 0.1%   |

**Total Terpenes: 3.197%**

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

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



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Sampling Date: 2021-10-15  
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Completion Date: 2021-10-22

Initial Gross Weight: 12.710 g



### Terpenes

Specimen Weight: 46.410 mg

Tested  
(GC/GCMS)

Dilution Factor: 20.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)   | Analyte             | LOQ (%) | Result (mg/g) | (%)   |
|---------------------|---------|---------------|-------|---------------------|---------|---------------|-------|
| trans-Caryophyllene | 0.02    | 17.577        | 1.758 | (R)-(+)-Limonene    | 0.02    | 6.299         | 0.630 |
| beta-Myrcene        | 0.02    | 4.083         | 0.408 | Linalool            | 0.02    | 1.769         | 0.177 |
| Hexahydrothymol     | 0.02    | 1.240         | 0.124 | beta-Pinene         | 0.02    | 0.997         | 0.100 |
| Geraniol            | 0.02    | <LOQ          |       | Geranyl acetate     | 0.02    | <LOQ          |       |
| Guaial              | 0.02    | <LOQ          |       | Isoborneol          | 0.02    | <LOQ          |       |
| Isopulegol          | 0.02    | <LOQ          |       | Nerol               | 0.02    | <LOQ          |       |
| (+)-Cedrol          | 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          |       | Ocimene             | 0.014   | <LOQ          |       |
| Fenchone            | 0.02    | <LOQ          |       | Gamma-Terpinene     | 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          |       | Fenchyl Alcohol     | 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          |       |
| Farnesene           | 0.02    | <LOQ          |       | Valencene           | 0.02    | <LOQ          |       |

Total Terpenes: 3.197%

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Ph.D., DABT

Aixia Sun  
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### Heavy Metals

Specimen Weight: 247.400 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: 178.640 mg

Passed  
(LCMS)

Dilution Factor: 8.397

| 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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### Pesticides FL V4

Specimen Weight: 178.640 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 8.397

| 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         | Acetamiprid             | 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         | Clofentezine            | 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         |                         |           |                    |              |

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Lab Toxicologist

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



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### Residual Solvents - FL (CBD)

Specimen Weight: 11.300 mg

**Passed**  
(GCMS)

Dilution Factor: 1.000

| Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.16      | 8                  | <LOQ         | 1,2-Dichloroethane | 0.04      | 5                  | <LOQ         |
| Acetone            | 2.08      | 5000               | <LOQ         | Acetonitrile       | 1.17      | 410                | <LOQ         |
| Benzene            | 0.02      | 2                  | <LOQ         | Butanes            | 2.5       | 2000               | <LOQ         |
| Chloroform         | 0.04      | 60                 | <LOQ         | Ethanol            | 2.78      | 5000               | <LOQ         |
| Ethyl Acetate      | 1.11      | 5000               | <LOQ         | Ethyl Ether        | 1.39      | 5000               | <LOQ         |
| Ethylene Oxide     | 0.1       | 5                  | <LOQ         | Heptane            | 1.39      | 5000               | <LOQ         |
| Hexane             | 1.17      | 290                | <LOQ         | Isopropyl alcohol  | 1.39      | 500                | <LOQ         |
| Methanol           | 0.69      | 3000               | <LOQ         | Methylene chloride | 2.43      | 600                | <LOQ         |
| Pentane            | 2.08      | 5000               | <LOQ         | Propane            | 5.83      | 2100               | <LOQ         |
| Toluene            | 2.92      | 890                | <LOQ         | Total Xylenes      | 2.92      | 2170               | <LOQ         |
| Trichloroethylene  | 0.49      | 80                 | <LOQ         |                    |           |                    |              |

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Ph.D., DABT

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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### Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1011.680 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  |



### Listeria Monocytogenes

Specimen Weight: 1024.500 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

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

Xueli Gao  
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Lab Toxicologist

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Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + THCO-Acetate, \*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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