



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

## Certificate of Analysis

Compliance Test

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

Batch # 220502-CMST  
Batch Date: 2022-04-25  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # 3CH220502-200001  
Order Date: 2022-05-02  
Sample # AACT945

Sampling Date: 2022-05-04  
Lab Batch Date: 2022-05-04  
Completion Date: 2022-05-10

Initial Gross Weight: 91.011 g



Product Image

Potency  
Tested

Terpenes  
Tested

Heavy Metals  
Passed

Mycotoxins  
Passed

Pesticides  
Passed

Residual Solvents  
Passed

Listeria  
Monocytogenes  
Passed

Pathogenic  
Passed

### Delta 8/Delta 10 Potency 12

Tested  
SOP13.043 (LCUV)

Specimen Weight: 57.900 mg

| Analyte      | LOD (%)  | LOQ (%) | Result (mg/g) | (%)    |
|--------------|----------|---------|---------------|--------|
| Delta-8 THC  | 0.000026 | 0.001   | 862.900       | 86.290 |
| CBC          | 0.000018 | 0.001   | <LOQ          |        |
| CBD          | 0.000054 | 0.001   | <LOQ          |        |
| THCA         | 0.000032 | 0.001   | <LOQ          |        |
| Delta-9 THC  | 0.000013 | 0.001   | <LOQ          |        |
| Delta-10 THC | 0.000003 | 0.001   | <LOQ          |        |
| CBN          | 0.000014 | 0.001   | <LOQ          |        |
| CBGA         | 0.000008 | 0.001   | <LOQ          |        |
| CBG          | 0.000248 | 0.001   | <LOQ          |        |
| CBDV         | 0.000065 | 0.001   | <LOQ          |        |
| CBDA         | 0.000001 | 0.001   | <LOQ          |        |
| THCV         | 0.000007 | 0.001   | <LOQ          |        |

### Potency Summary

|                                     |   |                                 |
|-------------------------------------|---|---------------------------------|
| Total Delta 8<br>86.290%            | - | 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>86.290%   |

### Terpenes Summary

| Analyte             | Result (mg/g) | (%)    |
|---------------------|---------------|--------|
| (R)-(+)-Limonene    | 9.558         | 0.956% |
| trans-Caryophyllene | 6.381         | 0.638% |
| beta-Myrcene        | 6.025         | 0.603% |
| Terpinolene         | 2.903         | 0.29%  |
| alpha-Pinene        | 1.792         | 0.179% |
| beta-Pinene         | 1.77          | 0.177% |
| Linalool            | 1.765         | 0.177% |
| alpha-Bisabolol     | 0.875         | 0.087% |
| Fenchyl Alcohol     | 0.783         | 0.078% |

Total Terpenes: 3.185%

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

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



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Order Date: 2022-05-02  
Sample # AACT945

Sampling Date: 2022-05-04  
Lab Batch Date: 2022-05-04  
Completion Date: 2022-05-10

Initial Gross Weight: 91.011 g



### Terpenes

Specimen Weight: 75.160 mg

**Tested**  
SOP13.023 (GC/GCMS)

Dilution Factor: 20.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)   | Analyte             | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|-------|---------------------|---------|---------------|-----|
| (R)-(+)-Limonene    | 0.002   | 9.558         | 0.956 | trans-Nerolidol     | 0.002   | <LOQ          |     |
| trans-Caryophyllene | 0.002   | 6.381         | 0.638 | Guaiol              | 0.002   | <LOQ          |     |
| beta-Myrcene        | 0.002   | 6.025         | 0.603 | (+)-Cedrol          | 0.002   | <LOQ          |     |
| Terpinolene         | 0.002   | 2.903         | 0.290 | Geraniol            | 0.002   | <LOQ          |     |
| alpha-Pinene        | 0.002   | 1.792         | 0.179 | Gamma-Terpinene     | 0.002   | <LOQ          |     |
| beta-Pinene         | 0.002   | 1.770         | 0.177 | Fenchone            | 0.002   | <LOQ          |     |
| Linalool            | 0.002   | 1.765         | 0.177 | Farnesene           | 0.002   | <LOQ          |     |
| alpha-Bisabolol     | 0.002   | 0.875         | 0.087 | Eucalyptol          | 0.002   | <LOQ          |     |
| Fenchyl Alcohol     | 0.002   | 0.783         | 0.078 | cis-Nerolidol       | 0.002   | <LOQ          |     |
| Sabinene Hydrate    | 0.002   | <LOQ          |       | Caryophyllene oxide | 0.002   | <LOQ          |     |
| Geranyl acetate     | 0.002   | <LOQ          |       | Camphors            | 0.006   | <LOQ          |     |
| Sabinene            | 0.002   | <LOQ          |       | Camphene            | 0.002   | <LOQ          |     |
| Pulegone            | 0.002   | <LOQ          |       | Borneol             | 0.004   | <LOQ          |     |
| Ocimene             | 0.000   | <LOQ          |       | alpha-Terpinene     | 0.002   | <LOQ          |     |
| Nerol               | 0.002   | <LOQ          |       | alpha-Phellandrene  | 0.002   | <LOQ          |     |
| Total Terpeneol     | 0.001   | <LOQ          |       | alpha-Humulene      | 0.002   | <LOQ          |     |
| Isopulegol          | 0.002   | <LOQ          |       | alpha-Cedrene       | 0.002   | <LOQ          |     |
| Isoborneol          | 0.002   | <LOQ          |       | 3-Carene            | 0.002   | <LOQ          |     |
| Hexahydrothymol     | 0.002   | <LOQ          |       | Valencene           | 0.002   | <LOQ          |     |

Total Terpenes: 3.185%



### Mycotoxins

Specimen Weight: 257.600 mg

**Passed**  
SOP13.007 (LCMS)



### Heavy Metals

Specimen Weight: 251.160 mg

**Passed**  
SOP13.048 (ICP-MS)

Dilution Factor: 5.823

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

Dilution Factor: 199

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

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Lab Toxicologist

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### Pesticides FL V4

Specimen Weight: 257.600 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)



### Residual Solvents - FL (CBD)

Specimen Weight: 9.600 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 5.823

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

Dilution Factor: 1.000

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



### Pathogenic SAE (qPCR)

Specimen Weight: 275.100 mg

**Passed**  
SOP13.010 (qPCR)

Dilution Factor: 1.000

| Analyte                                          | Action Level (cfu/g) | Result (cfu/g) | Analyte    | Action Level (cfu/g) | Result (cfu/g) |
|--------------------------------------------------|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Fla vus, Fumigatus, Niger, Terreus) | 1                    | Absence in 1g  | Salmonella | 1                    | Absence in 1g  |
| E.Coli                                           | 1                    | Absence in 1g  |            |                      |                |



### Listeria Monocytogenes

Specimen Weight: 1003.700 mg

**Passed**  
SOP13.010 (qPCR)

Dilution Factor: 1.000

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

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