



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

# Certificate of Analysis

## Compliance Test

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

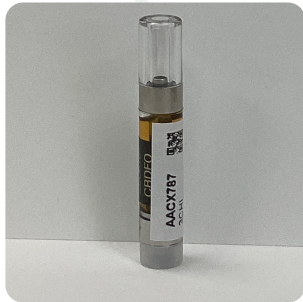
Batch # 220610-CBDF0  
Batch Date: 2022-06-09  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # 3CH220609-090001  
Order Date: 2022-06-09  
Sample # AACX787

Sampling Date: 2022-06-13  
Lab Batch Date: 2022-06-13  
Completion Date: 2022-06-17

Initial Gross Weight: 99.955 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: 45.380 mg

| Analyte      | LOD (%) | LOQ (%) | Result (mg/g) | (%)    |
|--------------|---------|---------|---------------|--------|
| CBD          | 5.40E-5 | 0.001   | 359.120       | 35.912 |
| CBC          | 1.80E-5 | 0.001   | 86.980        | 8.698  |
| CBN          | 1.40E-5 | 0.001   | 48.640        | 4.864  |
| CBG          | 2.48E-4 | 0.001   | 17.270        | 0.876  |
| CBDV         | 6.50E-5 | 0.001   | 8.760         | <LOQ   |
| Delta-10 THC | 3.00E-6 | 0.001   |               | <LOQ   |
| Delta-8 THC  | 2.60E-5 | 0.001   |               | <LOQ   |
| Delta-9 THC  | 1.30E-5 | 0.1     |               | <LOQ   |
| THCA         | 3.20E-5 | 0.001   |               | <LOQ   |
| CBGA         | 8.00E-5 | 0.001   |               | <LOQ   |
| CBDA         | 1.00E-5 | 0.001   |               | <LOQ   |
| THCV         | 7.00E-6 | 0.001   |               | <LOQ   |

### Potency Summary

|                                |                                 |
|--------------------------------|---------------------------------|
| Total Delta 8<br>None Detected | Total Delta 10<br>None Detected |
| Total THC<br>None Detected     | Total CBD<br>35.912%            |
| Total CBG<br>1.727%            | Total CBN<br>4.864%             |
| Other Cannabinoids<br>9.574%   | Total Cannabinoids<br>52.077%   |

### Terpenes Summary

| Analyte             | Result (mg/g) | (%)    |
|---------------------|---------------|--------|
| alpha-Bisabolol     | 20.863        | 2.086% |
| Farnesene           | 10.355        | 1.036% |
| (R)-(+)-Limonene    | 8.035         | 0.804% |
| beta-Myrcene        | 6.471         | 0.647% |
| Ocimene             | 6.169         | 0.617% |
| Terpinolene         | 5.158         | 0.516% |
| trans-Caryophyllene | 3.67          | 0.367% |
| Guaiol              | 2.201         | 0.222% |
| (+)-Cedrol          | 1.582         | 0.158% |
| trans-Nerolidol     | 1.175         | 0.118% |
| beta-Pinene         | 1.142         | 0.114% |
| alpha-Pinene        | 0.91          | 0.091% |

**Total Terpenes: 6.774%**

Detailed Terpenes Analysis is on the following page

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Xueli Gao  
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Lab Toxicologist

*Aixia Sun*  
Aixia Sun  
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 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), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-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 = +/- 10%

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Test Reg State: Florida

Order # 3CH220609-090001  
Order Date: 2022-06-09  
Sample # AACX787

Sampling Date: 2022-06-13  
Lab Batch Date: 2022-06-13  
Completion Date: 2022-06-17

Initial Gross Weight: 99.955 g

**Terpenes** **Tested**  
SOP13.045 (GC/GCMS)  
Specimen Weight: 45.380 mg

Dilution Factor: 20.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)   | Analyte             | LOQ (%) | Result (mg/g) | (%)  |
|---------------------|---------|---------------|-------|---------------------|---------|---------------|------|
| alpha-Bisabolol     | 0.002   | 20.863        | 2.086 | Total Terpeneol     | 0.001   |               | <LOQ |
| Farnesene           | 0.002   | 10.355        | 1.036 | Hexahydrothymol     | 0.002   |               | <LOQ |
| (R)-(+)-Limonene    | 0.002   | 8.035         | 0.804 | Fenchyl Alcohol     | 0.002   |               | <LOQ |
| beta-Myrcene        | 0.002   | 6.471         | 0.647 | Geranyl acetate     | 0.002   |               | <LOQ |
| Ocimene             | 0.000   | 6.169         | 0.617 | Geraniol            | 0.002   |               | <LOQ |
| Terpinolene         | 0.002   | 5.158         | 0.516 | Gamma-Terpinene     | 0.002   |               | <LOQ |
| trans-Caryophyllene | 0.002   | 3.670         | 0.367 | Fenchone            | 0.002   |               | <LOQ |
| Guaiol              | 0.002   | 2.201         | 0.220 | Eucalyptol          | 0.002   |               | <LOQ |
| (+)-Cedrol          | 0.002   | 1.582         | 0.158 | cis-Nerolidol       | 0.002   |               | <LOQ |
| trans-Nerolidol     | 0.002   | 1.175         | 0.118 | Caryophyllene oxide | 0.002   |               | <LOQ |
| beta-Pinene         | 0.002   | 1.142         | 0.114 | Camphors            | 0.006   |               | <LOQ |
| alpha-Pinene        | 0.002   | 0.910         | 0.091 | Camphene            | 0.002   |               | <LOQ |
| Sabinene            | 0.002   | <LOQ          |       | Borneol             | 0.004   |               | <LOQ |
| Pulegone            | 0.002   | <LOQ          |       | alpha-Terpinene     | 0.002   |               | <LOQ |
| Sabinene Hydrate    | 0.002   | <LOQ          |       | alpha-Phellandrene  | 0.002   |               | <LOQ |
| Nerol               | 0.002   | <LOQ          |       | alpha-Humulene      | 0.002   |               | <LOQ |
| Linalool            | 0.002   | <LOQ          |       | alpha-Cedrene       | 0.002   |               | <LOQ |
| Isopulegol          | 0.002   | <LOQ          |       | 3-Carene            | 0.002   |               | <LOQ |
| Isoborneol          | 0.002   | <LOQ          |       | Valencene           | 0.002   |               | <LOQ |

**Total Terpenes: 6.774%**

**Mycotoxins**  
Specimen Weight: 269.500 mg

**Passed**  
SOP13.007 (LCMS)

**Heavy Metals**  
Specimen Weight: 253.190 mg

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

Dilution Factor: 5.566

| 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: 197

| 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         |

Xueli Gao  
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Lab Director/Principal Scientist



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Completion Date: 2022-06-17

Initial Gross Weight: 99.955 g

**Pesticides FL V4**  
Specimen Weight: 269.500 mg

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

Dilution Factor: 5.566

| Analyte                  | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------------------|-----------|--------------------|--------------|
| Abamectin                | 28.23     | 300                | <LOQ         |
| Acephate                 | 30        | 3000               | <LOQ         |
| Acequinocyl              | 48        | 2000               | <LOQ         |
| Acetaminiprid            | 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         |
| Fonicamid                | 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         |
| Pacllobutrazol           | 30        | 100                | <LOQ         |
| Pentachloronitro benzene | 10        | 200                | <LOQ         |
| Permethrin               | 30        | 1000               | <LOQ         |
| Phosmet                  | 30        | 200                | <LOQ         |
| Piperonylbutoxid e       | 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         |

**Residual Solvents - FL (CBD)**  
Specimen Weight: 220.600 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 50.000

| Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethane | 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         |

**Pathogenic SAE (qPCR)**  
Specimen Weight: 250.680 mg

**Passed**  
SOP13.010 (qPCR)

Dilution Factor: 1.000

| 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: 988.400 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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