



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

# Certificate of Analysis

## Compliance Test

**D8-HI LLC**  
232 DELL RANGE BLVD  
STE 245  
CHEYENNE, WY 82009

Batch # CH00518  
Batch Date: 2022-05-18  
Extracted From: hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # D8-220608-020001  
Order Date: 2022-06-08  
Sample # AACX730

Sampling Date: 2022-06-10  
Lab Batch Date: 2022-06-10  
Completion Date: 2022-06-13

Initial Gross Weight: 68.489 g  
Net Weight: 63.189 g

Number of Units: 1  
Net Weight per Unit: 7703.000 mg



Product Image

|                                       |                                      |                          |                          |                                 |
|---------------------------------------|--------------------------------------|--------------------------|--------------------------|---------------------------------|
| <b>Potency Tested</b>                 | <b>Heavy Metals Passed</b>           | <b>Mycotoxins Passed</b> | <b>Pesticides Passed</b> | <b>Residual Solvents Passed</b> |
| <b>Pathogenic Microbiology Passed</b> | <b>Listeria Monocytogenes Passed</b> |                          |                          |                                 |

### Delta 8/Delta 10 Potency 12

**Tested**  
None SOP13.043 (LCUV)

Specimen Weight: 1527.600 mg

| Analyte      | LOD (%) | LOQ (%) | Result (mg/g) | (%)   |
|--------------|---------|---------|---------------|-------|
| Delta-9 THC  | 1.30E-5 | 0.1     | 2.140         | 0.214 |
| Delta-8 THC  | 2.60E-5 | 0.001   | 0.030         | 0.003 |
| CBD          | 5.40E-5 | 0.001   | 0.030         | 0.003 |
| CBC          | 1.80E-5 | 0.001   | <LOQ          | <LOQ  |
| THCA         | 3.20E-5 | 0.001   | <LOQ          | <LOQ  |
| Delta-10 THC | 3.00E-6 | 0.001   | <LOQ          | <LOQ  |
| CBN          | 1.40E-5 | 0.001   | <LOQ          | <LOQ  |
| CBGA         | 8.00E-5 | 0.001   | <LOQ          | <LOQ  |
| CBG          | 2.48E-4 | 0.001   | <LOQ          | <LOQ  |
| CBDV         | 6.50E-5 | 0.001   | <LOQ          | <LOQ  |
| CBDA         | 1.00E-5 | 0.001   | <LOQ          | <LOQ  |
| THCV         | 7.00E-6 | 0.001   | <LOQ          | <LOQ  |

### Potency Summary

|  |  |
|--|--|
| <b>Total Delta 8</b><br>0.003% 0.230mg     | <b>Total Delta 10</b><br>None Detected       |
| <b>Total THC</b><br>0.214% 16.480mg        | <b>Total CBD</b><br>0.003% 0.230mg           |
| <b>Total CBG</b><br>None Detected          | <b>Total CBN</b><br>None Detected            |
| <b>Other Cannabinoids</b><br>None Detected | <b>Total Cannabinoids</b><br>0.220% 16.950mg |

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

*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 \* 0.87), 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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STE 245  
CHEYENNE, WY 82009

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Sampling Method: MSP 7.3.1  
Test Reg State: Florida

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Order Date: 2022-06-08  
Sample # AACX730

Sampling Date: 2022-06-10  
Lab Batch Date: 2022-06-10  
Completion Date: 2022-06-13

Initial Gross Weight: 68.489 g  
Net Weight: 63.189 g

Number of Units: 1  
Net Weight per Unit: 7703.000 mg

**Pesticides FL V4**  
Specimen Weight: 255.630 mg

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

**Residual Solvents - FL (CBD)**  
Specimen Weight: 11.100 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 5.868

| 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         |
| Acetamiprid           | 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         | Metalaxyl                | 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         | Paclotbutrazol           | 30        | 100                | <LOQ         |
| Chloromequat Chloride | 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         |
| Fonicamid             | 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               | 76.332       | 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         |                    |           |                    |              |

**Mycotoxins**  
Specimen Weight: 255.630 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.868

| 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         |              |           |                    |              |

**Pathogenic Microbiology SAE (MicroArray)**

**Passed**  
SOP13.019 (Micro Array)

Specimen Weight: 1007.530 mg

Dilution Factor: 1.000

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

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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## Heavy Metals

Specimen Weight: 248.860 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 200

| 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         |

## Listeria Monocytogenes

Specimen Weight: 991.000 mg

**Passed**

SOP13.010 (qPCR)

Dilution Factor: 1.000

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

*Xueli Gao*  
Xueli Gao  
Ph.D., DABT  
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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