



**Certificate of Analysis**  
Compliance Test

Client Information:

**CYPRESS HEMP LLC**  
10771 Perkins Rd  
Suite A  
BATON ROUGE, LA 70810

Batch # #1301 / 130  
Batch Date: 2024-02-01  
Extracted From: Hemp

Test Reg State: Louisiana

Order # CYP240509-060001  
Order Date: 2024-05-09  
Sample # AAFO443

Sampling Date: 2024-05-29  
Lab Batch Date: 2024-05-29  
Orig. Completion Date: 2024-09-24

Initial Gross Weight: 146.803 g

Number of Units: 1  
Net Weight per Unit: 9000.000 mg  
Sampling Method: MSP 7.3.1

Statement of Amendment: Updated Batch#; Updated Photo



Product Image



**Potency Tested**



**Heavy Metals Passed**



**Pesticides Passed**



**Residual Solvents Passed**



**Pathogenic Microbiology Passed**



**Microbiology Petrifilm Passed**

**Potency 10**  
Specimen Weight: 1523.600 mg

**Tested**  
SOP13.001 (LCUV)

**Potency Summary**

|  |  |
|--|--|
| <b>Total Active THC</b><br>0.286% 25.740 mg    | <b>Total Active CBD</b><br>8.127% 731.430 mg |
| <b>Total CBG</b><br>0.015% 1.350 mg            | <b>Total CBN</b><br>0.014% 1.260 mg          |
| <b>Total Cannabinoids</b><br>8.509% 765.810 mg |  |

Pieces For Panel: 15

| Analyte          | Dilution (1:n) | LOD (mg/g) | LOQ (%) | Result (mg/g) | (%)    |
|------------------|----------------|------------|---------|---------------|--------|
| CBD              | 10.000         | 5.40E-5    | 0.0015  | 81.2700       | 8.1270 |
| Delta-9 THC      | 10.000         | 1.30E-5    | 0.0015  | 2.8600        | 0.2860 |
| CBDV             | 10.000         | 6.50E-5    | 0.0015  | 0.5700        | 0.0570 |
| CBG              | 10.000         | 2.48E-4    | 0.0015  | 0.1500        | 0.0150 |
| CBN              | 10.000         | 1.40E-5    | 0.0015  | 0.1400        | 0.0140 |
| CBC              | 10.000         | 1.80E-5    | 0.0015  | 0.0600        | 0.0060 |
| THCV             | 10.000         | 7.00E-6    | 0.0015  | 0.0400        | 0.0040 |
| CBDA             | 10.000         | 1.00E-5    | 0.0015  | <LOQ          | <LOQ   |
| CBGA             | 10.000         | 8.00E-5    | 0.0015  | <LOQ          | <LOQ   |
| THCA-A           | 10.000         | 3.20E-5    | 0.0015  | <LOQ          | <LOQ   |
| Total Active CBD | 10.000         |            |         | 81.270        | 8.127  |
| Total Active THC | 10.000         |            |         | 2.860         | 0.286  |

*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 Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 9 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram. ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per LA rule R.S., 40-4(A)(13), R.S. 3:1483, R.S. 40:604. Failed - Analyte/microbe is at the level that equal or above the action limit per LA rule R.S., 40-4(A)(13), R.S. 3:1483, R.S. 40:604. The results apply to the sample as received. Revised report - see statement of amendment above.  
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Sample # AAFO443

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Sampling Method: MSP 7.3.1



**Microbiology TYM (Petrifilm/Plating) - LA**

Specimen Weight: 994.000 mg

Dilution Factor: 1.000

| Analyte    | LOQ (cfu/g) | Action Level (cfu/g) | Result (cfu/g) |
|------------|-------------|----------------------|----------------|
| Yeast/Mold | 10000       | 10000                | <LOQ           |

**Passed**  
SOP13.003 (Petrifilm)



**Pathogenic Microbiology - SE (MicroArray)**

Specimen Weight: 1015.100 mg

Dilution Factor: 1.000

| Analyte    | Result (cfu/g) | Analyte      | Result (cfu/g) |
|------------|----------------|--------------|----------------|
| Salmonella | Absence in 1g  | STEC E. Coli | Absence in 1g  |

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

Aixa Sun Lab Director/Principal Scientist  
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Definitions are found on page 1

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Sample # AAFO443

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Number of Units: 1  
Net Weight per Unit: 9000.000 mg  
Sampling Method: MSP 7.3.1



**Heavy Metals - LA**

Specimen Weight: 251.900 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 198.491

| Analyte      | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte      | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | .00483    | 0.1       | 10                 | <LOQ         | Lead (Pb)    | 0.0058    | 0.1       | 10                 | <LOQ         |
| Cadmium (Cd) | .00064    | 0.1       | 4.1                | <LOQ         | Mercury (Hg) | .01176    | 0.1       | 2                  | <LOQ         |



**Residual Solvents - LA (CBD)**

Specimen Weight: 16.600 mg

**Passed**

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

| Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|-----------|--------------------|--------------|--------------------|-----------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.0094    | 0.16      | 8                  | <LOQ         | Heptane            | 0.0013    | 1.39      | 500                | <LOQ         |
| 1,2-Dichloroethane | 0.0003    | 0.04      | 5                  | <LOQ         | Hexane             | 0.068     | 1.17      | 10                 | <LOQ         |
| Acetone            | 0.015     | 2.08      | 5000               | <LOQ         | Isopropyl alcohol  | 0.0048    | 1.39      | 500                | <LOQ         |
| Acetonitrile       | 0.06      | 1.17      | 410                | <LOQ         | Methanol           | 0.0005    | 0.69      | 3000               | <LOQ         |
| Benzene            | 0.0002    | 0.02      | 1                  | <LOQ         | Methylene chloride | 0.0029    | 2.43      | 600                | <LOQ         |
| Butanes            | 0.4167    | 2.5       | 800                | <LOQ         | Pentane            | 0.037     | 2.08      | 5000               | <LOQ         |
| Chloroform         | 0.0001    | 0.04      | 60                 | <LOQ         | Propane            | 0.031     | 5.83      | 2100               | <LOQ         |
| Ethanol            | 0.0021    | 2.78      | 5000               | <LOQ         | Toluene            | 0.0009    | 2.92      | 1                  | <LOQ         |
| Ethyl Acetate      | 0.0012    | 1.11      | 5000               | <LOQ         | Total Xylenes      | 0.0001    | 2.92      | 1                  | <LOQ         |
| Ethyl Ether        | 0.0049    | 1.39      | 5000               | <LOQ         | Trichloroethylene  | 0.0014    | 0.49      | 80                 | <LOQ         |
| Ethylene Oxide     | 0.0038    | 0.1       | 5                  | <LOQ         |                    |           |           |                    |              |

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Batch # #1301 / 130 Test Reg State: Louisiana  
Batch Date: 2024-02-01  
Extracted From: Hemp

Order # CYP240509-060001 Sampling Date: 2024-05-29 Initial Gross Weight: 146.803 g Number of Units: 1  
Order Date: 2024-05-09 Lab Batch Date: 2024-05-29 Net Weight per Unit: 9000.000 mg  
Sample # AAF0443 Orig. Completion Date: 2024-09-24 Sampling Method: MSP 7.3.1

**Pesticides - LA**  
Specimen Weight: 604.200 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 2.480

| Analyte             | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte                             | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|---------------------|-----------|-----------|--------------------|--------------|-------------------------------------|-----------|-----------|--------------------|--------------|
| Abamectin           | 4.3500E-4 | 0.009     | 0.3                | <LOQ         | Hexythiazox                         | 4.5000E-5 | 0.0096    | 2                  | <LOQ         |
| Acephate            | 4.6700E-4 | 0.0096    | 5                  | <LOQ         | Imazalil                            | 6.3900E-4 | 0.0096    | 0                  | <LOQ         |
| Acequinocyl         | 8.0100E-4 | 0.0096    | 4                  | <LOQ         | Imidacloprid                        | 1.5900E-4 | 0.0096    | 3                  | <LOQ         |
| Acetamiprid         | 8.0000E-5 | 0.0096    | 5                  | <LOQ         | Kresoxim Methyl                     | 2.6800E-4 | 0.0096    | 1                  | <LOQ         |
| Aldicarb            | 1.2400E-4 | 0.0096    | 0                  | <LOQ         | Malathion                           | 4.1000E-4 | 0.0096    | 5                  | <LOQ         |
| Azoxystrobin        | 6.8300E-4 | 0.0096    | 40                 | <LOQ         | Metalaxyl                           | 7.4900E-4 | 0.0096    | 15                 | <LOQ         |
| Bifenazate          | 8.2000E-5 | 0.0096    | 5                  | <LOQ         | Methiocarb                          | 9.9000E-5 | 0.0096    | 0                  | <LOQ         |
| Bifenthrin          | 1.2100E-4 | 0.0096    | 0.5                | <LOQ         | Methomyl                            | 1.2100E-4 | 0.0096    | 0.1                | <LOQ         |
| Boscalid            | 1.5300E-4 | 0.0096    | 10                 | <LOQ         | methyl-Parathion                    | 3.0650E-3 | 0.0096    | 0                  | <LOQ         |
| Captan              | 8.9660E-3 | 0.048     | 5                  | <LOQ         | Mevinphos                           | 1.3700E-3 | 0.0096    | 0                  | <LOQ         |
| Carbaryl            | 1.1800E-4 | 0.0096    | 0.5                | <LOQ         | Myclobutanil                        | 5.7100E-4 | 0.0096    | 9                  | <LOQ         |
| Carbofuran          | 1.7800E-4 | 0.0096    | 0                  | <LOQ         | Naled                               | 8.3000E-5 | 0.0096    | 0.5                | <LOQ         |
| Chlorantraniliprole | 5.2000E-5 | 0.0096    | 40                 | <LOQ         | Oxamyl                              | 1.2300E-4 | 0.0096    | 0.2                | <LOQ         |
| Chlorfenapyr        | 3.1210E-3 | 0.0096    | 0.1                | <LOQ         | Pacllobutrazol                      | 1.2300E-4 | 0.0096    | 0                  | <LOQ         |
| Chlorpyrifos        | 2.7100E-4 | 0.0096    | 0                  | <LOQ         | Pentachloronitrobenzen (Quintozone) | 5.1400E-3 | 0.0096    | 0.2                | <LOQ         |
| Clofentazine        | 1.1900E-4 | 0.0096    | 0.5                | <LOQ         | Permethrin                          | 7.1800E-4 | 0.0096    | 20                 | <LOQ         |
| Coumaphos           | 1.2900E-4 | 0.0096    | 0                  | <LOQ         | Phosmet                             | 3.0100E-4 | 0.0096    | 0.2                | <LOQ         |
| Cyfluthrin          | 7.7300E-3 | 0.048     | 1                  | <LOQ         | Piperonylbutoxide                   | 2.1700E-4 | 0.0096    | 8                  | <LOQ         |
| Cypermethrin        | 8.8700E-4 | 0.0096    | 1                  | <LOQ         | Prallethrin                         | 1.3650E-3 | 0.0096    | 0.4                | <LOQ         |
| Daminozide          | 1.7970E-3 | 0.0096    | 0                  | <LOQ         | Propiconazole                       | 2.5900E-4 | 0.0096    | 20                 | <LOQ         |
| Diazinon            | 1.3280E-3 | 0.0096    | 0.2                | <LOQ         | Propoxur                            | 1.4700E-4 | 0.0096    | 0                  | <LOQ         |
| Dichlorvos          | 4.6500E-4 | 0.0096    | 0                  | <LOQ         | Pyrethrins                          | 2.5600E-4 | 0.0014    | 1                  | <LOQ         |
| Dimethoate          | 3.6600E-4 | 0.0096    | 0                  | <LOQ         | Pyridaben                           | 5.9000E-5 | 0.0096    | 3                  | <LOQ         |
| Dimethomorph        | 2.7200E-4 | 0.0096    | 20                 | <LOQ         | Spinetoram                          | 3.4600E-4 | 0.0096    | 3                  | <LOQ         |
| Ethoprophos         | 1.9200E-4 | 0.0096    | 0                  | <LOQ         | Spinosad                            | 2.8000E-5 | 0.00239   | 3                  | <LOQ         |
| Etofenprox          | 1.1600E-4 | 0.0096    | 0                  | <LOQ         | Spiromesifen                        | 2.9100E-4 | 0.0096    | 12                 | <LOQ         |
| Etoxazole           | 5.7000E-4 | 0.0096    | 1.5                | <LOQ         | Spirotetramat                       | 1.4100E-4 | 0.0096    | 13                 | <LOQ         |
| Fenhexamid          | 1.0110E-3 | 0.0096    | 10                 | <LOQ         | Spiroxamine                         | 1.1900E-4 | 0.0096    | 0                  | <LOQ         |
| Fenoxycarb          | 1.6900E-4 | 0.0096    | 0                  | <LOQ         | Tebuconazole                        | 1.3400E-4 | 0.0096    | 2                  | <LOQ         |
| Fenpyroximate       | 1.3900E-4 | 0.0096    | 2                  | <LOQ         | Thiacloprid                         | 3.9700E-4 | 0.0096    | 0                  | <LOQ         |
| Fipronil            | 6.0500E-4 | 0.0096    | 0.1                | <LOQ         | Thiamethoxam                        | 1.0400E-4 | 0.0096    | 4.5                | <LOQ         |
| Flonicamid          | 1.2800E-4 | 0.0096    | 2                  | <LOQ         | Trifloxystrobin                     | 8.8000E-5 | 0.0096    | 30                 | <LOQ         |
| Fludioxonil         | 5.2100E-4 | 0.0096    | 30                 | <LOQ         |                                     |           |           |                    |              |

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