



## Certificate of Analysis

Compliance Test

### Client Information:

**Louisiana Hemp Extractors**  
2742 Oscar Rivette Rd  
Arnaudville, Louisiana 70512

Batch # 25233A  
Batch Date: 2025-08-21  
Extracted From: Hemp

Test Reg State: Louisiana

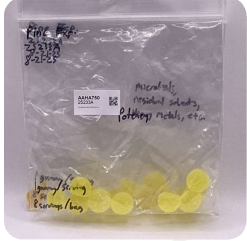
Production Facility: Louisiana Hemp Extractors  
Production Date: 2025-08-21

Order # LOU250825-010002  
Order Date: 2025-08-25  
Sample # AAHA750  
Serving Number: 8,00000

Sampling Date: 2025-08-28  
Lab Batch Date: 2025-08-28  
Completion Date: 2025-09-02

Initial Gross Weight: 31.569 g  
Net Weight: 27.169 g

Number of Units: 2  
Net Weight per Package: 13584.500 mg  
Net Weight per Serving: 1698.0625 mg



Potency  
Tested

Product Image

**Potency 10**  
Specimen Weight: 1511.800 mg

**Tested**  
SOP13.001 (LCUV)

Pieces For Panel: 8

| Analyte          | LOD (mg/g) | LOQ (%) | Result (mg/g) | (%)    |
|------------------|------------|---------|---------------|--------|
| Delta-9 THC      | 1.30E-5    | 0.0015  | 2.9400        | 0.2940 |
| CBD              | 5.40E-5    | 0.0015  | 0.1800        | 0.0180 |
| CBDA             | 1.00E-5    | 0.0015  | 0.0600        | 0.0060 |
| CBC              | 1.80E-5    | 0.0015  | <LOQ          | <LOQ   |
| CBDV             | 6.50E-5    | 0.0015  | <LOQ          | <LOQ   |
| CBG              | 2.48E-4    | 0.0015  | <LOQ          | <LOQ   |
| CBGA             | 8.00E-5    | 0.0015  | <LOQ          | <LOQ   |
| CBN              | 1.40E-5    | 0.0015  | <LOQ          | <LOQ   |
| THCA-A           | 3.20E-5    | 0.0015  | <LOQ          | <LOQ   |
| THCV             | 7.00E-6    | 0.0015  | <LOQ          | <LOQ   |
| Total Active CBD |            |         | 0.240         | 0.024  |
| Total Active THC |            |         | 2.940         | 0.294  |



### Potency Summary

|                                                  |                                                 |
|--------------------------------------------------|-------------------------------------------------|
| Delta 9 THC per Serving<br>0.294% 4.992 mg       | Total Active CBD per Serving<br>0.024% 0.408 mg |
| Total CBG per Serving<br>None Detected           | Total CBN per Serving<br>None Detected          |
| Total Cannabinoids per Serving<br>0.318% 5.4 mg  | Total Active CBD Per Package<br>0.024% 3.26 mg  |
| Total Active THC Per Package<br>0.294% 39.938 mg | Total Active THC per Serving<br>0.294% 4.992 mg |
|                                                  | Delta 9 THC per Package<br>0.294% 39.938 mg     |

*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 Delta-9 THC = Delta-9 THC + THCA, Total Active THC = Total Delta-9 THC + Delta-9a-THC + Delta-8 THC + Delta-10 THC + Delta-8 THC-O-Acetate + THC-O-Acetate + Delta-10 THC-O-Acetate, Total THCV = THCV + (THCVA \* 0.877), CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta-8-THCP + Delta-9-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, (ppm) = (µg/g), (av) = 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.

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Test Reg State: Louisiana

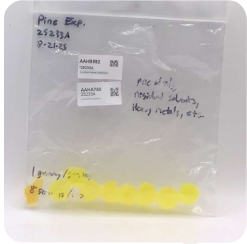
Production Date: 2025-08-21

Order # LOU250908-010001  
Order Date: 2025-09-08  
Sample # AAHB592

Sampling Date: 2025-09-08  
Lab Batch Date: 2025-09-08  
Completion Date: 2025-09-16

Initial Gross Weight: 31.569 g  
Serving Number: 8.00000

Number of Units: 2  
Net Weight per Package: 20376.750 mg



**Heavy Metals**  
Passed



**Pesticides**  
Passed



**Residual Solvents**  
Passed



**Pathogenic Microbiology**  
Passed



**Microbiology Petrifilm**  
Passed

Product Image



**Microbiology TYM (Petrifilm/Plating) - LA**  
Specimen Weight: 1008.900 mg

**Passed**

SOP13.003 (Petrifilm)

Dilution Factor: 8.000

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



**Pathogenic Microbiology - SE**  
(MicroArray)

**Passed**

SOP13.019  
(Micro Array)

Specimen Weight: 1043.200 mg

Dilution Factor: 1.000

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

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Extracted From: Hemp

Test Reg State: Louisiana

Production Date: 2025-08-21

Order # LOU250908-010001  
Order Date: 2025-09-08  
Sample # AAHB592

Sampling Date: 2025-09-08  
Lab Batch Date: 2025-09-08  
Completion Date: 2025-09-16

Initial Gross Weight: 31.569 g  
Serving Number: 8.00000

Number of Units: 2  
Net Weight per Package: 20376.750 mg



### Heavy Metals - LA

Specimen Weight: 251.600 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 198.728

| Analyte      | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte      | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 0.005     | 0.1       | 10                 | <LOQ         | Lead (Pb)    | 0.006     | 0.1       | 10                 | <LOQ         |
| Cadmium (Cd) | 0.001     | 0.1       | 4.1                | <LOQ         | Mercury (Hg) | 0.012     | 0.1       | 2                  | <LOQ         |



### Residual Solvents - LA (CBD)

Specimen Weight: 4.500 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 | 0.009     | 0.16      | 8                  | <LOQ         | Heptane            | 0.001     | 1.39      | 500                | <LOQ         |
| 1,2-Dichloroethane | 0.000     | 0.04      | 5                  | <LOQ         | Hexane             | 0.068     | 1.17      | 10                 | <LOQ         |
| Acetone            | 0.015     | 2.08      | 5000               | <LOQ         | Isopropyl alcohol  | 0.005     | 1.39      | 500                | <LOQ         |
| Acetonitrile       | 0.060     | 1.17      | 410                | <LOQ         | Methanol           | 0.001     | 0.69      | 3000               | <LOQ         |
| Benzene            | 0.000     | 0.02      | 1                  | <LOQ         | Methylene chloride | 0.003     | 2.43      | 600                | <LOQ         |
| Butanes            | 0.417     | 2.5       | 800                | <LOQ         | Pentane            | 0.037     | 2.08      | 5000               | <LOQ         |
| Chloroform         | 0.000     | 0.04      | 60                 | <LOQ         | Propane            | 0.031     | 5.83      | 2100               | <LOQ         |
| Ethanol            | 0.002     | 2.78      | 5000               | 356          | Toluene            | 0.001     | 2.92      | 1                  | <LOQ         |
| Ethyl Acetate      | 0.001     | 1.11      | 5000               | 10.1         | Total Xylenes      | 0.000     | 2.92      | 1                  | <LOQ         |
| Ethyl Ether        | 0.005     | 1.39      | 5000               | <LOQ         | Trichloroethylene  | 0.001     | 0.49      | 80                 | <LOQ         |
| Ethylene Oxide     | 0.004     | 0.1       | 5                  | <LOQ         |                    |           |           |                    |              |

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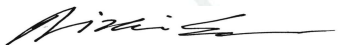
**Pesticides - LA**  
Specimen Weight: 594.400 mg

**Passed**

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.520

| Analyte             | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte                             | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|---------------------|-----------|-----------|--------------------|--------------|-------------------------------------|-----------|-----------|--------------------|--------------|
| Abamectin           | 0.000     | 0.009     | 0.3                | <LOQ         | Hexythiazox                         | 0.000     | 0.0096    | 2                  | <LOQ         |
| Acephate            | 0.000     | 0.0096    | 5                  | <LOQ         | Imazalil                            | 0.001     | 0.0096    | 0                  | <LOQ         |
| Acequinocyl         | 0.001     | 0.0096    | 4                  | <LOQ         | Imidacloprid                        | 0.000     | 0.0096    | 3                  | <LOQ         |
| Acetamiprid         | 0.000     | 0.0096    | 5                  | <LOQ         | Kresoxim Methyl                     | 0.000     | 0.0096    | 1                  | <LOQ         |
| Aldicarb            | 0.000     | 0.0096    | 0                  | <LOQ         | Malathion                           | 0.000     | 0.0096    | 5                  | <LOQ         |
| Azoxystrobin        | 0.001     | 0.0096    | 40                 | <LOQ         | Metaxyl                             | 0.001     | 0.0096    | 15                 | <LOQ         |
| Bifenazate          | 0.000     | 0.0096    | 5                  | <LOQ         | Methiocarb                          | 0.000     | 0.0096    | 0                  | <LOQ         |
| Bifenthrin          | 0.000     | 0.0096    | 0.5                | <LOQ         | Methomyl                            | 0.000     | 0.0096    | 0.1                | <LOQ         |
| Boscalid            | 0.000     | 0.0096    | 10                 | <LOQ         | methyPParathion                     | 0.003     | 0.0096    | 0                  | <LOQ         |
| Captan              | 0.009     | 0.048     | 5                  | <LOQ         | Mevinphos                           | 0.001     | 0.0096    | 0                  | <LOQ         |
| Carbaryl            | 0.000     | 0.0096    | 0.5                | <LOQ         | Myclobutanil                        | 0.001     | 0.0096    | 9                  | <LOQ         |
| Carbofuran          | 0.000     | 0.0096    | 0                  | <LOQ         | Naled                               | 0.000     | 0.0096    | 0.5                | <LOQ         |
| Chlorantraniliprole | 0.000     | 0.0096    | 40                 | <LOQ         | Oxamyl                              | 0.000     | 0.0096    | 0.2                | <LOQ         |
| Chlorfenapyr        | 0.003     | 0.0096    | 0.1                | <LOQ         | Paclobutrazol                       | 0.000     | 0.0096    | 0                  | <LOQ         |
| Chlorpyrifos        | 0.000     | 0.0096    | 0                  | <LOQ         | Pentachloronitrobenzen (Quintozone) | 0.005     | 0.0096    | 0.2                | <LOQ         |
| Clofentezine        | 0.000     | 0.0096    | 0.5                | <LOQ         | Permethrin                          | 0.001     | 0.0096    | 20                 | <LOQ         |
| Coumaphos           | 0.000     | 0.0096    | 0                  | <LOQ         | Phosmet                             | 0.000     | 0.0096    | 0.2                | <LOQ         |
| Cyfluthrin          | 0.008     | 0.048     | 1                  | <LOQ         | Piperonylbutoxide                   | 0.000     | 0.0096    | 8                  | <LOQ         |
| Cypermethrin        | 0.001     | 0.0096    | 1                  | <LOQ         | Prallethrin                         | 0.001     | 0.0096    | 0.4                | <LOQ         |
| Daminozide          | 0.002     | 0.0096    | 0                  | <LOQ         | Propiconazole                       | 0.000     | 0.0096    | 20                 | <LOQ         |
| Diazinon            | 0.001     | 0.0096    | 0.2                | <LOQ         | Propoxur                            | 0.000     | 0.0096    | 0                  | <LOQ         |
| Dichlorvos          | 0.000     | 0.0096    | 0                  | <LOQ         | Pyrethrins                          | 0.000     | 0.0014    | 1                  | <LOQ         |
| Dimethoate          | 0.000     | 0.0096    | 0                  | <LOQ         | Pyridaben                           | 0.000     | 0.0096    | 3                  | <LOQ         |
| Dimethomorph        | 0.000     | 0.0096    | 20                 | <LOQ         | Spinetoram                          | 0.000     | 0.0096    | 3                  | <LOQ         |
| Ethoprophos         | 0.000     | 0.0096    | 0                  | <LOQ         | Spinosad                            | 0.000     | 0.00239   | 3                  | <LOQ         |
| Etofenprox          | 0.000     | 0.0096    | 0                  | <LOQ         | Spiromesifen                        | 0.000     | 0.0096    | 12                 | <LOQ         |
| Etoxazole           | 0.001     | 0.0096    | 1.5                | <LOQ         | Spirotetramat                       | 0.000     | 0.0096    | 13                 | <LOQ         |
| Fenhexamid          | 0.001     | 0.0096    | 10                 | <LOQ         | Spiroxamine                         | 0.000     | 0.0096    | 0                  | <LOQ         |
| Fenoxycarb          | 0.000     | 0.0096    | 0                  | <LOQ         | Tebuconazole                        | 0.000     | 0.0096    | 2                  | <LOQ         |
| Fenpyroximate       | 0.000     | 0.0096    | 2                  | <LOQ         | Thiacloprid                         | 0.000     | 0.0096    | 0                  | <LOQ         |
| Fipronil            | 0.001     | 0.0096    | 0.1                | <LOQ         | Thiamethoxam                        | 0.000     | 0.0096    | 4.5                | <LOQ         |
| Flonicamid          | 0.000     | 0.0096    | 2                  | <LOQ         | Trifloxystrobin                     | 0.000     | 0.0096    | 30                 | <LOQ         |
| Fludioxonil         | 0.001     | 0.0096    | 30                 | <LOQ         |                                     |           |           |                    |              |

  
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