

**Certificate of Analysis**  
Compliance Test

Batch # 24053A      Test Reg State: Louisiana  
Batch Date: 2024-02-22  
Extracted From: Hemp

Order # LOU240223-050001      Sampling Date: 2024-02-26      Initial Gross Weight: 23.238 g      Number of Units: 1  
Order Date: 2024-02-23      Lab Batch Date: 2024-02-26      Net Weight: 17.638 g      Net Weight per Package: 42095.000 mg  
Sample # AAF1218      Completion Date: 2024-03-01      Net Weight per Serving: 2806.3333 mg  
Serving Number: 15.00000

SH BlueR22 THCh 46mg

SH 24053A

2-22-24

**Potency Tested**

**Heavy Metals Passed**

**Pesticides Passed**

**Residual Solvents Passed**

**Microbiology Petrifilm Passed**

Product Image

**Potency 25 (LCUV)**      **Tested**  
Specimen Weight: 1531.100 mg      SOP13.001,SOP13.002 (LCUV)

Pieces For Panel: 6

| Analyte               | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%)    |
|-----------------------|----------------|---------|---------|---------------|--------|
| CBD                   | 10.000         | 5.40E-5 | 0.0015  | 13.4000       | 1.3400 |
| Delta-9 THC           | 10.000         | 1.30E-5 | 0.0015  | 2.7900        | 0.2790 |
| THCH *                | 10.000         | 3.50E-4 | 0.00195 | 1.9510        | 0.1951 |
| CBDV                  | 10.000         | 6.50E-5 | 0.0015  | 0.0800        | 0.0080 |
| CBNA                  | 10.000         | 9.50E-5 | 0.0015  | 0.0519        | 0.0052 |
| Delta-8 THCV          | 10.000         | 4.00E-5 | 0.0015  | 0.0524        | 0.0052 |
| THCV                  | 10.000         | 7.00E-6 | 0.0015  | 0.0200        | 0.0020 |
| CBC                   | 10.000         | 1.80E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBCA                  | 10.000         | 1.07E-4 | 0.0015  | <LOQ          | <LOQ   |
| CBDA                  | 10.000         | 1.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBDVA                 | 10.000         | 1.40E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBG                   | 10.000         | 2.48E-4 | 0.0015  | <LOQ          | <LOQ   |
| CBGA                  | 10.000         | 8.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBL                   | 10.000         | 3.50E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBN                   | 10.000         | 1.40E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBT                   | 10.000         | 2.00E-4 | 0.0015  | <LOQ          | <LOQ   |
| Delta-8 THC           | 10.000         | 2.60E-5 | 0.0015  | <LOQ          | <LOQ   |
| Delta-8 THC-O Acetate | 10.000         | 2.70E-5 | 0.003   | <LOQ          | <LOQ   |
| Delta-9 THC-O Acetate | 10.000         | 7.70E-5 | 0.003   | <LOQ          | <LOQ   |
| Delta8-THCP *         | 10.000         | 3.75E-4 | 0.0015  | <LOQ          | <LOQ   |
| Delta9-THCP *         | 10.000         | 1.17E-5 | 0.0012  | <LOQ          | <LOQ   |
| Exo-THC               | 10.000         | 2.30E-4 | 0.0015  | <LOQ          | <LOQ   |
| THCA-A                | 10.000         | 3.20E-5 | 0.0015  | <LOQ          | <LOQ   |
| THCB *                | 10.000         | 1.80E-4 | 0.00195 | <LOQ          | <LOQ   |
| THCVA                 | 10.000         | 4.70E-5 | 0.0015  | <LOQ          | <LOQ   |
| Total Active THC      | 10.000         |         |         | 2.790         | 0.279  |
| Total Active CBD      | 10.000         |         |         | 13.400        | 1.340  |

**Potency Summary**

|  |             |  |             |
|--|-------------|--|-------------|
| Delta 9 THC per Serving<br>0.279%        | 7.8297 mg   | Total Active CBD per Serving<br>1.340%   | 37.6049 mg  |
| Total CBG per Serving<br>None Detected   |             | Total CBN per Serving<br>0.005%          | 0.1403 mg   |
| Other Cannabinoids per Serving<br>0.016% | 0.449 mg    | Total Cannabinoids per Serving<br>1.639% | 45.9958 mg  |
| Total Active CBD Per Package<br>1.340%   | 564.073 mg  | Total Active THC per Serving<br>0.279%   | 7.8297 mg   |
| Total Active THC Per Package<br>0.279%   | 117.4451 mg | Delta 9 THC per Package<br>0.279%        | 117.4451 mg |
| <b>Total THCH</b><br>0.195%              |             | 82.0853 mg                               |             |

*Aixia Sun*  
Aixia Sun      Lab Director/Principal Scientist  
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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.877), Total Delta-9 THC = Delta-9 THC + THCA, Total Active THC = Total Delta-9 THC + Delta-8-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 \* 0.877) + 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, Total THCP = Delta-8-THCP + Delta-9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta-8-THC + Delta-8-THCP + Total CBN + CBT + CBE + Delta-8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta-10-THC + Total THC-O-Acetate + Total THCP. (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), (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 Sample not received via laboratory sampling.

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Batch # 24053A  
Batch Date: 2024-02-22  
Extracted From: Hemp

Test Reg State: Louisiana

Order # LOU240223-050001  
Order Date: 2024-02-23  
Sample # AAF1218  
Serving Number: 15.00000

Sampling Date: 2024-02-26  
Lab Batch Date: 2024-02-26  
Completion Date: 2024-03-01

Initial Gross Weight: 23.238 g  
Net Weight: 17.638 g


Number of Units: 1  
Net Weight per Package: 42095.000 mg  
Net Weight per Serving: 2806.3333 mg

 **Microbiology TYM (Petrifilm/Plating) - LA**  
Specimen Weight: 1007.000 mg

**Passed**  
SOP13.003 (Petrifilm)

Dilution Factor: 1.000

| Analyte    | LOQ (cfu/g) | Result (cfu/g) |
|------------|-------------|----------------|
| Yeast/Mold | 10000       | <10            |

  
Aixia Sun Lab Director/Principal Scientist  
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Sample # AAF1218      Completion Date: 2024-03-01      Net Weight per Serving: 2806.3333 mg  
Serving Number: 15.00000

**Heavy Metals - LA**      **Passed**  
Specimen Weight: 254.900 mg      SOP13.048 (ICP-MS)


Dilution Factor: 196.155

| 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)**      **Passed**  
Specimen Weight: 308.200 mg      SOP13.039 (GCMS)

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               | 129.663      | Toluene            | 0.0009    | 2.92      | 1                  | <LOQ         |
| Ethyl Acetate      | 0.0012    | 1.11      | 5000               | 94.760       | 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 # 24053A      Test Reg State: Louisiana  
Batch Date: 2024-02-22  
Extracted From: Hemp


Order # LOU240223-050001      Sampling Date: 2024-02-26      Initial Gross Weight: 23.238 g      Number of Units: 1  
Order Date: 2024-02-23      Lab Batch Date: 2024-02-26      Net Weight: 17.638 g      Net Weight per Package: 42095.000 mg  
Sample # AAF1218      Completion Date: 2024-03-01      Net Weight per Serving: 2806.3333 mg  
Serving Number: 15.00000

**Pesticides - LA**  
Specimen Weight: 591.700 mg

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

Dilution Factor: 2.540

| 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         | Metaxyl                             | 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         | Paclobutrazol                       | 1.2300E-4 | 0.0096    | 0                  | <LOQ         |
| Chlorpyrifos        | 2.7100E-4 | 0.0096    | 0                  | <LOQ         | Pentachloronitrobenzen (Quintozene) | 5.1400E-3 | 0.0096    | 0.2                | <LOQ         |
| Clofentezine        | 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         |
| Ettoxazole          | 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         |
| Fonicamid           | 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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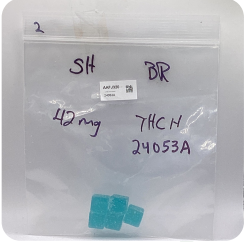
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Batch # 24053A Test Reg State: Louisiana  
Batch Date: 2024-02-26  
Extracted From: Hemp

Order # LOU240308-140001 Sampling Date: 2024-03-12 Initial Gross Weight: 19.378 g Number of Units: 1  
Order Date: 2024-03-08 Lab Batch Date: 2024-03-12 Net Weight: 13.878 g Net Weight per Package: 13878.000 mg  
Sample # AAFJ320 Completion Date: 2024-03-15 Serving Number: 1.00000



Pathogenic Microbiology  
**Passed**

Product Image  
**Pathogenic Microbiology - SE (MicroArray)**  
Specimen Weight: 1011.600 mg

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

Dilution Factor: 1.000

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

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