

Certificate of Analysis  
Compliance Test

## Client Information:

SOUTH TIP, LLC  
21400 SW 392ND ST  
HOMESTEAD, FL 33034Batch # 02272023RD  
Batch Date: 2023-02-27  
Extracted From: HEMP

Test Reg State: Florida

Production Facility: SOUTH TIP, LLC  
Production Date: 2023-02-27Order # SOU230302-040001  
Order Date: 2023-03-02  
Sample # AAEE011Sampling Date: 2023-03-08  
Lab Batch Date: 2023-03-08  
Completion Date: 2023-03-11

Initial Gross Weight: 36.039 g



Product Image

Potency  
TestedHeavy Metals  
PassedMycotoxins  
PassedPesticides  
PassedResidual Solvents  
PassedPathogenic Microbiology  
PassedListeria Monocytogenes  
Passed

## Potency 10

Specimen Weight: 90.350 mg

## Tested

SOP13.001 (LCUV)

| Analyte          | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%)    |
|------------------|----------------|---------|---------|---------------|--------|
| CBD              | 100.000        | 5.40E-5 | 0.0015  | 4.5000        | 0.4500 |
| CBG              | 100.000        | 2.48E-4 | 0.0015  | 0.4900        | 0.0490 |
| CBC              | 100.000        | 1.80E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBDV             | 100.000        | 1.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBDA             | 100.000        | 6.50E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBGA             | 100.000        | 8.00E-5 | 0.0015  | <LOQ          | <LOQ   |
| CBN              | 100.000        | 1.40E-5 | 0.0015  | <LOQ          | <LOQ   |
| Delta-9 THC      | 100.000        | 1.30E-5 | 0.0015  | <LOQ          | <LOQ   |
| THCA-A           | 100.000        | 3.20E-5 | 0.0015  | <LOQ          | <LOQ   |
| THCV             | 100.000        | 7.00E-6 | 0.0015  | <LOQ          | <LOQ   |
| Total Active CBD | 100.000        |         |         | <LOQ          | 0.450  |
| Total Active THC | 100.000        |         |         | <LOQ          | <LOQ   |



## Potency Summary

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Total Active THC<br>None Detected   | Total Active CBD<br>0.450%<br><LOQ   |
| Total CBG<br>0.049%<br><LOQ         | Total CBN<br>None Detected           |
| Other Cannabinoids<br>None Detected | Total Cannabinoids<br>0.499%<br><LOQ |



## Residual Solvents - FL (CBD)

Specimen Weight: 312.600 mg

Dilution Factor: 500.000

| Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.0094    | 0.16      | 8                  | <LOQ         |
| 1,2-Dichloroethane | 0.0003    | 0.04      | 5                  | <LOQ         |
| Acetone            | 0.015     | 2.08      | 5000               | <LOQ         |
| Acetonitrile       | 0.06      | 1.17      | 410                | <LOQ         |
| Benzene            | 0.0002    | 0.02      | 2                  | <LOQ         |
| Butanes            | 0.4167    | 2.5       | 2000               | <LOQ         |
| Chloroform         | 0.0001    | 0.04      | 60                 | <LOQ         |
| Ethanol            | 0.0021    | 2.78      | 5000               | <LOQ         |
| Ethyl Acetate      | 0.0012    | 1.11      | 5000               | <LOQ         |
| Ethyl Ether        | 0.0049    | 1.39      | 5000               | <LOQ         |
| Ethylene Oxide     | 0.0038    | 0.1       | 5                  | <LOQ         |

## Passed

SOP13.039 (GCMS)



## Pathogenic Microbiology SAE

(MicroArray)

Specimen Weight: 1040.360 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  |

## Passed

SOP13.019

(Micro Array)

Aixa Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Order # SOU230302-040001  
Order Date: 2023-03-02  
Sample # AAEE011

Sampling Date: 2023-03-08  
Lab Batch Date: 2023-03-08  
Completion Date: 2023-03-11

Initial Gross Weight: 36.039 g

**Pesticides**  
Specimen Weight: 263.400 mg

Dilution Factor: 5.690

| Analyte               | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                 | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Abamectin             | 2.8800E-1 | 28.23     | 300                | <LOQ         | Fludioxonil             | 1.7400E+0 | 48        | 3000               | <LOQ         |
| Acephate              | 2.3000E-2 | 30        | 3000               | <LOQ         | Hexythiazox             | 4.9000E-2 | 30        | 2000               | <LOQ         |
| Acequinocyl           | 9.5640E+0 | 48        | 2000               | <LOQ         | Imazalil                | 2.4800E-1 | 30        | 100                | <LOQ         |
| Acetamiprid           | 5.2000E-2 | 30        | 3000               | <LOQ         | Imidacloprid            | 9.4000E-2 | 30        | 3000               | <LOQ         |
| Aldicarb              | 2.6000E-2 | 30        | 100                | <LOQ         | Kresoxim Methyl         | 4.2000E-2 | 30        | 1000               | <LOQ         |
| Azoxystrobin          | 8.1000E-2 | 10        | 3000               | <LOQ         | Malathion               | 8.2000E-2 | 30        | 2000               | <LOQ         |
| Bifenazate            | 1.4150E+0 | 30        | 3000               | <LOQ         | Metaxyl                 | 8.1000E-2 | 10        | 3000               | <LOQ         |
| Bifenthrin            | 4.3000E-2 | 30        | 500                | <LOQ         | Methiocarb              | 3.2000E-2 | 30        | 100                | <LOQ         |
| Boscalid              | 5.5000E-2 | 10        | 3000               | <LOQ         | Methomyl                | 2.2000E-2 | 30        | 100                | <LOQ         |
| Captan                | 6.1200E+0 | 30        | 3000               | <LOQ         | methyl-Parathion        | 1.7100E+0 | 10        | 100                | <LOQ         |
| Carbaryl              | 2.2000E-2 | 10        | 500                | <LOQ         | Mevinphos               | 2.1500E+0 | 10        | 100                | <LOQ         |
| Carbofuran            | 3.4000E-2 | 10        | 100                | <LOQ         | Myclobutanil            | 1.0290E+0 | 30        | 3000               | <LOQ         |
| Chlorantraniliprole   | 3.3000E-2 | 10        | 3000               | <LOQ         | Naled                   | 9.5000E-2 | 30        | 500                | <LOQ         |
| Chlordane             | 1.0000E+1 | 10        | 100                | <LOQ         | Oxamyl                  | 2.5000E-2 | 30        | 500                | <LOQ         |
| Chlorfenapyr          | 3.4000E-2 | 30        | 100                | <LOQ         | Paclobutrazol           | 6.5000E-2 | 30        | 100                | <LOQ         |
| Chloromequat Chloride | 1.0800E-1 | 10        | 3000               | <LOQ         | Pentachloronitrobenzene | 1.3200E+0 | 10        | 200                | <LOQ         |
| Chlorpyrifos          | 3.5000E-2 | 30        | 100                | <LOQ         | Permethrin              | 3.4300E-1 | 30        | 1000               | <LOQ         |
| Clofentezine          | 1.1900E-1 | 30        | 500                | <LOQ         | Phosmet                 | 8.2000E-2 | 30        | 200                | <LOQ         |
| Coumaphos             | 3.7700E+0 | 48        | 100                | <LOQ         | Piperonylbutoxide       | 2.9000E-2 | 30        | 3000               | <LOQ         |
| Cyfluthrin            | 3.1100E+0 | 30        | 1000               | <LOQ         | Prallethrin             | 7.9800E-1 | 30        | 400                | <LOQ         |
| Cypermethrin          | 1.4490E+0 | 30        | 1000               | <LOQ         | Propiconazole           | 7.0000E-2 | 30        | 1000               | <LOQ         |
| Daminozide            | 8.8500E-1 | 30        | 100                | <LOQ         | Propoxur                | 4.6000E-2 | 30        | 100                | <LOQ         |
| Diazinon              | 4.4000E-2 | 30        | 200                | <LOQ         | Pyrethrins              | 2.3593E+1 | 30        | 1000               | <LOQ         |
| Dichlorvos            | 2.1820E+0 | 30        | 100                | <LOQ         | Pyridaben               | 3.2000E-2 | 30        | 3000               | <LOQ         |
| Dimethoate            | 2.1000E-2 | 30        | 100                | <LOQ         | Spinetoram              | 8.0000E-2 | 10        | 3000               | <LOQ         |
| Dimethomorph          | 5.8300E+0 | 48        | 3000               | <LOQ         | Spinosad                | 8.8000E-2 | 30        | 3000               | <LOQ         |
| Ethoprophos           | 3.6000E-1 | 30        | 100                | <LOQ         | Spiromesifen            | 2.6100E-1 | 30        | 3000               | <LOQ         |
| Etofenprox            | 1.1600E-1 | 30        | 100                | <LOQ         | Spirotetramat           | 8.9000E-2 | 30        | 3000               | <LOQ         |
| Etoxazole             | 9.5000E-2 | 30        | 1500               | <LOQ         | Spiroxamine             | 1.3100E-1 | 30        | 100                | <LOQ         |
| Fenhexamid            | 5.1000E-1 | 10        | 3000               | <LOQ         | Tebuconazole            | 6.7000E-2 | 30        | 1000               | <LOQ         |
| Fenoxycarb            | 1.0700E-1 | 30        | 100                | <LOQ         | Thiacloprid             | 6.4000E-2 | 30        | 100                | <LOQ         |
| Fenpyroximate         | 1.3800E-1 | 30        | 2000               | <LOQ         | Thiamethoxam            | 5.0000E-2 | 30        | 1000               | <LOQ         |
| Fipronil              | 1.0700E-1 | 30        | 100                | <LOQ         | Trifloxystrobin         | 3.7000E-2 | 30        | 3000               | <LOQ         |
| Flonicamid            | 5.1700E-1 | 30        | 2000               | <LOQ         |                         |           |           |                    |              |

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

Dilution Factor: 1.000

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

**Passed**  
SOP13.032  
(qPCR)

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Initial Gross Weight: 36.039 g



### Mycotoxins

Specimen Weight: 263.400 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.690

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.0400E-1 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 2.7100E-1 | 6         | 20                 | <LOQ         |
| Aflatoxin B2 | 7.7000E-2 | 6         | 20                 | <LOQ         | Ochratoxin A | 7.5400E-1 | 3.8       | 20                 | <LOQ         |
| Aflatoxin G1 | 3.0400E-1 | 6         | 20                 | <LOQ         |              |           |           |                    |              |



### Heavy Metals

Specimen Weight: 246.680 mg

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

Dilution Factor: 202

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83      | 100       | 1500               | <LOQ         | Lead (Pb)    | 11.76     | 100       | 500                | <LOQ         |
| Cadmium (Cd) | .64       | 100       | 500                | <LOQ         | Mercury (Hg) | .58       | 100       | 3000               | <LOQ         |

Aixa Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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