



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

## Certificate of Analysis

R&D

**SWEET SOUTHERN TRADE**  
599 B JOHN SIMS PKWY WEST  
NICEVILLE, FL 32578

Batch # WPHO220380300  
Batch Date: 2022-02-08  
Extracted From: Hemp/FSC20279002

Test Reg State: Florida

Order # SWE220505-050001  
Order Date: 2022-05-05  
Sample # AACU296

Sampling Date: 2022-05-06  
Lab Batch Date: 2022-05-06  
Completion Date: 2022-05-11

Initial Gross Weight: 14.933 g  
Net Weight: 7.833 g

Number of Units: 1  
Net Weight per Unit: 7833.000 mg



Product Image

Potency  
Tested

Heavy Metals  
Passed

Mycotoxins  
Passed

Pesticides  
Passed

Residual Solvents  
Passed

Listeria  
Monocytogenes  
Passed

Pathogenic  
Passed



### Potency 10

Specimen Weight: 102.040 mg

Tested  
(LCUV)

| Analyte     | Dilution<br>(1:n) | LOD<br>(%) | LOQ<br>(%) | Result<br>(mg/g) | (%)   |
|-------------|-------------------|------------|------------|------------------|-------|
| CBD         | 1000.000          | 0.000054   | 0.002      | 10.640           | 1.064 |
| Delta-9 THC | 1000.000          | 0.000013   | 0.002      | 0.550            | 0.055 |
| CBC         | 1000.000          | 0.000018   | 0.002      | 0.430            | 0.043 |
| THCA        | 1000.000          | 0.000032   | 0.002      | <LOQ             |       |
| CBN         | 1000.000          | 0.000014   | 0.002      | <LOQ             |       |
| CBGA        | 1000.000          | 0.000008   | 0.002      | <LOQ             |       |
| CBG         | 1000.000          | 0.000248   | 0.002      | <LOQ             |       |
| CBDV        | 1000.000          | 0.000065   | 0.002      | <LOQ             |       |
| CBDA        | 1000.000          | 0.000001   | 0.002      | <LOQ             |       |
| THCV        | 1000.000          | 0.000007   | 0.002      | <LOQ             |       |



### Potency Summary

|        |                    |               |        |                    |               |
|--------|--------------------|---------------|--------|--------------------|---------------|
| 0.055% | Total THC          | 4.310mg       | 1.064% | Total CBD          | 83.340mg      |
| -      | Total CBG          | None Detected | -      | Total CBN          | None Detected |
| 0.043% | Other Cannabinoids | 3.370mg       | 1.162% | Total Cannabinoids | 91.020mg      |

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Lab Toxicologist

Aixia Sun  
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Sampling Date: 2022-05-06  
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Initial Gross Weight: 14.933 g  
Net Weight: 7.833 g

Number of Units: 1  
Net Weight per Unit: 7833.000 mg



### Pesticides FL V4

Specimen Weight: 264.800 mg

**Passed**  
(LCMS/GCMS)



### Residual Solvents - FL (CBD)

Specimen Weight: 159.000 mg

**Passed**  
(GCMS)

Dilution Factor: 5.665

| 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         |
| Acetaminiprid         | 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         | Metaxyl                 | 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         |
| Chlorfanepr           | 30        | 100                | <LOQ         | Oxamyl                  | 30        | 500                | <LOQ         |
| Chlorfenepr           | 30        | 100                | <LOQ         | Paclbutrazol            | 30        | 100                | <LOQ         |
| Chloromequat Chloride | 10        | 3000               | <LOQ         | Pentachloronitrobenzene | 10        | 200                | <LOQ         |
| Chlorpyrifos          | 30        | 100                | <LOQ         | Permethrin              | 30        | 1000               | <LOQ         |
| Clofentazine          | 30        | 500                | <LOQ         | Phosmet                 | 30        | 200                | <LOQ         |
| Coumaphos             | 48        | 100                | <LOQ         | Piperonylbutoxide       | 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         |
| Flonicamid            | 30        | 2000               | <LOQ         |                         |           |                    |              |

Dilution Factor: 50.000

| Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte            | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|--------------------|--------------|--------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 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               | <LOQ         | 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: 264.800 mg

**Passed**  
(LCMS)

Dilution Factor: 5.665

| 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         |              |           |                    |              |



### Heavy Metals

Specimen Weight: 247.000 mg

**Passed**  
(ICP-MS)

Dilution Factor: 202

| 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         |

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### Pathogenic SAE (qPCR)

Specimen Weight: 227.100 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

| Analyte                                         | Action Level (cfu/g) | Result (cfu/g) | Analyte    | Action Level (cfu/g) | Result (cfu/g) |
|-------------------------------------------------|----------------------|----------------|------------|----------------------|----------------|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1                    | Absence in 1g  | Salmonella | 1                    | Absence in 1g  |
| E.Coli                                          | 1                    | Absence in 1g  |            |                      |                |



### Listeria Monocytogenes

Specimen Weight: 1018.300 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

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

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