ACS LABORATORY | CANNABIS & HEMP BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslabcannabis.com

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

25mg CBD Gummy
Sample Matrix:
CBD/HEMP
Edibles
(Ingestion)

# Certificate of Analysis

R&D

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

**Batch #** WPHG220770025ST
**Batch Date:** 2022-03-18
**Extracted From:** hemp/FS19246D1
**Test Reg State:** Florida

**Order #** SWE220427-060001
**Order Date:** 2022-04-27
**Sample #** AACT461

**Sampling Date:** 2022-04-28
**Lab Batch Date:** 2022-04-28
**Completion Date:** 2022-05-02

**Initial Gross Weight:** 25.875 g

**Number of Units:** 1
**Net Weight per Unit:** 2386.111 mg

Product Image

Potency Tested
Heavy Metals Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Listeria Monocytogenes Passed
Pathogenic Passed

## Potency 10

**Specimen Weight:** 1505.600 mg

**Tested**
(LCUV)

**Pieces For Panel:** 9

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|---|---|
| CBD | 1000.000 | 0.000054 | 0.002 | 10.880 | 1.088 |
| Delta-9 THC | 1000.000 | 0.000013 | 0.002 | 0.780 | 0.078 |
| CBG | 1000.000 | 0.000248 | 0.002 | 0.410 | 0.041 |
| CBC | 1000.000 | 0.000018 | 0.002 | 0.290 | 0.029 |
| THCV | 1000.000 | 0.000007 | 0.002 | 0.060 | 0.006 |
| CBDV | 1000.000 | 0.000065 | 0.002 | 0.050 | 0.005 |
| CBN | 1000.000 | 0.000014 | 0.002 | 0.040 | 0.004 |
| THCA | 1000.000 | 0.000032 | 0.002 | | <LOQ |
| CBGA | 1000.000 | 0.00008 | 0.002 | | <LOQ |
| CBDA | 1000.000 | 0.00001 | 0.002 | | <LOQ |

## Potency Summary

| | |
|---|---|
| Total THC 0.078% | 1.860mg |
| Total CBD 1.088% | 25.960mg |
| Total CBG 0.041% | 0.980mg |
| Total CBN 0.004% | 0.100mg |
| Other Cannabinoids 0.040% | 0.950mg |
| Total Cannabinoids 1.251% | 29.850mg |

Xueli Gao, Ph.D., DABT — Lab Toxicologist
Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

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## Pesticides FL V4

**Passed** (LCMS/GCMS)

**Specimen Weight: 270.530 mg**

**Dilution Factor: 5.545**

| 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 |
| Acetamiprid | 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 | Metalaxyl | 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 |
| Chlordane | 10 | 100 | <LOQ | Oxamyl | 30 | 500 | <LOQ |
| Chlorfenapyr | 30 | 100 | <LOQ | Paclobutrazol | 30 | 100 | <LOQ |
| Chlormequat Chloride | 10 | 3000 | <LOQ | Pentachloronitrobenzene | 10 | 200 | <LOQ |
| Chlorpyrifos | 30 | 100 | <LOQ | Permethrin | 30 | 1000 | <LOQ |
| Clofentezine | 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 | | | | |

## Residual Solvents - FL (CBD)

**Passed** (GCMS)

**Specimen Weight: 14.100 mg**

**Dilution Factor: 1.000**

| 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

**Passed** (LCMS)

**Specimen Weight: 270.530 mg**

**Dilution Factor: 5.545**

| 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

**Passed** (ICP-MS)

**Specimen Weight: 252.490 mg**

**Dilution Factor: 198**

| 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)

**Passed**
**(qPCR)**

**Specimen Weight: 264.050 mg**

**Dilution Factor: 1.000**

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

## Listeria Monocytogenes

**Passed**
**(qPCR)**

**Specimen Weight: 989.950 mg**

**Dilution Factor: 1.000**

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

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