# **CERTIFICATE OF ANALYSIS**

Cannabinoids Test SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400



Order #: 35078 Order Name: Herbal Shisha Apple & Apple 350mg Batch#: Received: 08/21/2019 Completed: 08/26/2019

#### Sun State Hemp

4800 SW 51st Street, STE 106 Davie FL, 33314 (786) 888-8100 fabian@sunstatehemp.com, alex@atmosrx.com



UPLOADED: 08/23/2019 17:43:51

#### Sample



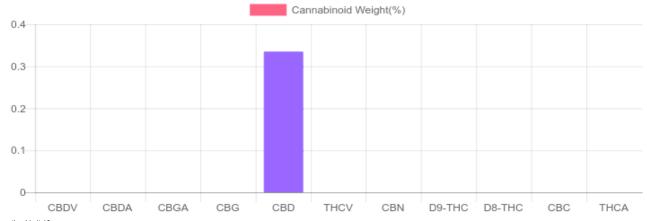
Cannabinoids LOQ weight(%) mg/g mg/container D9-THC 10 PPM N/D N/D N/D THCA 10 PPM N/D N/D N/D 10 PPM CBD 0.335% 3.353 335.3 CBDA 20 PPM N/D N/D N/D CBDV 20 PPM N/D N/D N/D CBC 10 PPM N/D N/D N/D CBN 10 PPM N/D N/D N/D CBG 10 PPM N/D N/D N/D CBGA 20 PPM N/D N/D N/D D8-THC 10 PPM N/D N/D N/D THCV 10 PPM N/D N/D N/D TOTAL D9-THC N/D N/D N/D TOTAL CBD\* 0.335% 3.353 335.3 TOTAL CANNABINOIDS 0.335% 3.353 335.3

PREPARED: 08/22/2019 17:30:53

1 container = 100 grams per container x Cannabinoid concentration

container

container



Reporting Limit 10 ppm \*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification



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Dr. Andrew Hall, Ph.D., CSO & Lab Director

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### **PESTICIDE ANALYSIS:**

GSL SOP 401

PREPARED: 08/22/2019 20:07:03

UPLOADED: 08/23/2019 17:32:30

LCMS-MS - Shimadzu LCMS-8060

| Pesticide           | Action Level<br>(ppm) | Results<br>(ppm) | LOQ<br>(ppm) | LOD<br>(ppm) | Pesticide       | Action Level<br>(ppm) | Results<br>(ppm) | LOQ<br>(ppm) | LOD<br>(ppm) |
|---------------------|-----------------------|------------------|--------------|--------------|-----------------|-----------------------|------------------|--------------|--------------|
| ABAMECTIN B1A       | 0.100                 | N/D              | 0.005        | 0.001        | IMAZALIL        | 0.100                 | N/D              | 0.005        | 0.001        |
| ACEPHATE            | 0.100                 | N/D              | 0.001        | 0.001        | IMIDACLOPRID    | 5.000                 | N/D              | 0.005        | 0.001        |
| ACEQUINOCYL         | 0.100                 | N/D              | 0.001        | 0.001        | KRESOXIM-METHYL | 0.100                 | N/D              | 0.010        | 0.005        |
| ACETAMIPRID         | 0.100                 | N/D              | 0.005        | 0.001        | MALATHION       | 0.500                 | N/D              | 0.005        | 0.001        |
| ALDICARB            | 0.100                 | N/D              | 0.005        | 0.001        | METALAXYL       | 2.000                 | N/D              | 0.001        | 0.001        |
| AZOXYSTROBIN        | 0.100                 | N/D              | 0.001        | 0.001        | METHIOCARB      | 0.100                 | N/D              | 0.005        | 0.001        |
| BIFENAZATE          | 0.100                 | N/D              | 0.005        | 0.001        | METHOMYL        | 1.000                 | N/D              | 0.001        | 0.001        |
| BIFENTHRIN          | 3.000                 | B/LOD            | 0.005        | 0.001        | MEVINPHOS       | 0.100                 | N/D              | 0.001        | 0.001        |
| BOSCALID            | 0.100                 | N/D              | 0.005        | 0.001        | MYCLOBUTANIL    | 0.100                 | N/D              | 0.005        | 0.001        |
| CARBARYL            | 0.500                 | N/D              | 0.003        | 0.001        | NALED           | 0.100                 | N/D              | 0.005        | 0.001        |
| CARBOFURAN          | 0.100                 | N/D              | 0.001        | 0.001        | OXAMYL          | 0.500                 | N/D              | 0.001        | 0.001        |
| CHLORANTRANILIPROLE | 10.000                | N/D              | 0.005        | 0.005        | PACLOBUTRAZOL   | 0.100                 | N/D              | 0.005        | 0.001        |
| CHLORPYRIFOS        | 0.100                 | N/D              | 0.001        | 0.001        | PERMETHRINS     | 0.500                 | N/D              | 0.005        | 0.001        |
| CLOFENTEZINE        | 0.100                 | N/D              | 0.001        | 0.001        | PHOSMET         | 0.100                 | N/D              | 0.005        | 0.001        |
| DAMINOZIDE          | 0.100                 | N/D              | 0.005        | 0.001        | PIPERONYL       | 3.000                 | B/LOD            | 0.001        | 0.001        |
| DIAZANON            | 0.100                 | N/D              | 0.001        | 0.001        | BUTOXIDE        | 3.000                 | B/LOD            | 0.001        | 0.001        |
| DICHLORVOS          | 0.100                 | N/D              | 0.005        | 0.001        | PRALLETHRIN     | 0.100                 | N/D              | 0.005        | 0.005        |
| DIMETHOATE          | 0.100                 | N/D              | 0.001        | 0.001        | PROPICONAZOLE   | 0.100                 | N/D              | 0.010        | 0.005        |
| DIMETHOMORPH        | 2.000                 | N/D              | 0.005        | 0.001        | PROPOXUR        | 0.100                 | N/D              | 0.001        | 0.001        |
| ETHOPROPHOS         | 0.100                 | N/D              | 0.001        | 0.001        | PYRETHRINS      | 0.500                 | N/D              | 0.005        | 0.005        |
| ETOFENPROX          | 0.100                 | N/D              | 0.001        | 0.001        | (PYRETHRIN I)   | 0.500                 | N/D              | 0.005        | 0.005        |
| ETOXAZOLE           | 0.100                 | N/D              | 0.010        | 0.005        | PYRIDABEN       | 0.100                 | N/D              | 0.005        | 0.001        |
| FENHEXAMID          | 0.100                 | N/D              | 0.005        | 0.001        | SPINETORAM      | 0.100                 | N/D              | 0.001        | 0.001        |
| FENOXYCARB          | 0.100                 | N/D              | 0.005        | 0.001        | SPINOSAD        | 0.100                 | N/D              | 0.001        | 0.001        |
| FENPYROXIMATE       | 0.100                 | N/D              | 0.001        | 0.001        | SPIROMESIFEN    | 0.100                 | N/D              | 0.005        | 0.001        |
| FIPRONIL            | 0.100                 | N/D              | 0.003        | 0.001        | SPIROTETRAMAT   | 0.100                 | N/D              | 0.001        | 0.001        |
| FLONICAMID          | 0.100                 | N/D              | 0.025        | 0.010        | SPIROXAMINE     | 0.100                 | N/D              | 0.001        | 0.001        |
| FLUDIOXONIL         | 0.100                 | N/D              | 0.003        | 0.001        | TEBUCONAZOLE    | 0.100                 | N/D              | 0.005        | 0.001        |
| HEXYTHIAZOX         | 0.100                 | N/D              | 0.005        | 0.001        | THIACLOPRID     | 0.100                 | N/D              | 0.001        | 0.001        |
|                     |                       |                  |              |              | THIAMETHOXAM    | 5.000                 | N/D              | 0.001        | 0.001        |
|                     |                       |                  |              |              | TRIFLOXYSTROBIN | 0.100                 | N/D              | 0.001        | 0.001        |

N/D = Not Detected, A/LOQ = Above LOQ Level, B/LOQ = Below LOQ Level, B/LOD = Below LOD Level



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#### Heavy Metals Analysis:

ICP-MS - Shimadzu ICPMS-2030 GSL SOP 403

Uploaded: 08/26/2019 13:08:42

| Metal        | Action Level (ppb) | Result (ppb) |
|--------------|--------------------|--------------|
| ARSENIC (AS) | 200                | 122          |
| CADMIUM (CD) | 200                | B/LOQ        |
| MERCURY (HG) | 100                | B/LOQ        |
| LEAD (PB)    | 500                | 337          |

Lower Limit of Quantitation (LOQ) is 75 ppb



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