

SAMPLE NAME: Tincture - Sleep (Melatonin) 1000mg

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: CBDFX

License Number:

Address: 19851 Nordhoff Pl, #105
Chatsworth CA 91311



SAMPLE DETAIL

Batch Number: ST1000

Sample ID: 220224P011

Date Collected: 02/24/2022

Date Received: 02/24/2022

Batch Size:

Sample Size: 2.0 units

Unit Mass: 30 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 1079.730 mg/unit

Sum of Cannabinoids: 1304.250 mg/unit

Total Cannabinoids: 1304.250 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
 Total THC = Δ^9 -THC + (THCa (0.877))
 Total CBD = CBD + (CBDa (0.877))
 Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCv + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN
 Total Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBN

Density: 1.1775 g/mL

SAFETY ANALYSIS - SUMMARY

Pesticides: ✔ PASS

Mycotoxins: ✔ PASS

Residual Solvents: ✔ PASS

Heavy Metals: ✔ PASS

Microbiology (PCR): ✔ PASS


Microbiology (Plating): ✔ PASS


For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)


 LQC verified by: Michael Pham
 Date: 03/07/2022


 Approved by: Josh Wurzer, President
 Date: 03/07/2022



Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: **Not Detected**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **1079.730 mg/unit**

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: **1304.250 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: **76.560 mg/unit**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **ND**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **ND**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/28/2022

| COMPOUND | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL) | RESULT (%) |
|----------------------------|-----------------|---------------------------------|---------------------|----------------|
| CBD | 0.080 / 0.220 | ±1.3425 | 35.991 | 3.0566 |
| CBN | 0.020 / 0.140 | ±0.1415 | 4.932 | 0.4189 |
| CBG | 0.040 / 0.120 | ±0.1238 | 2.552 | 0.2167 |
| Δ^9 -THC | 0.040 / 0.280 | N/A | ND | ND |
| Δ^8 -THC | 0.20 / 0.40 | N/A | ND | ND |
| THCa | 0.020 / 0.100 | N/A | ND | ND |
| THCV | 0.040 / 0.240 | N/A | ND | ND |
| THCVa | 0.040 / 0.380 | N/A | ND | ND |
| CBDa | 0.020 / 0.520 | N/A | ND | ND |
| CBDV | 0.040 / 0.240 | N/A | ND | ND |
| CBDVa | 0.020 / 0.360 | N/A | ND | ND |
| CBGa | 0.040 / 0.140 | N/A | ND | ND |
| CBL | 0.060 / 0.200 | N/A | ND | ND |
| CBC | 0.060 / 0.200 | N/A | ND | ND |
| CBCa | 0.020 / 0.300 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 43.475 mg/mL | 3.6921% |

Unit Mass: 30 milliliters per Unit

| | |
|------------------------------|------------------|
| Δ^9 -THC per Unit | ND |
| Total THC per Unit | ND |
| CBD per Unit | 1079.730 mg/unit |
| Total CBD per Unit | 1079.730 mg/unit |
| Sum of Cannabinoids per Unit | 1304.250 mg/unit |
| Total Cannabinoids per Unit | 1304.250 mg/unit |

DENSITY TEST RESULT

1.1775 g/mL

Tested 02/28/2022

Method: QSP 7870 - Sample Preparation



Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

Exclusions¹ see last page

PESTICIDE TEST RESULTS - 03/02/2022 ✔ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Abamectin | 0.03 / 0.10 | 0.3 | N/A | ND | PASS |
| Azoxystrobin | 0.02 / 0.07 | 40 | N/A | ND | PASS |
| Bifenazate | 0.01 / 0.04 | 5 | N/A | ND | PASS |
| Bifenthrin | 0.02 / 0.05 | 0.5 | N/A | ND | PASS |
| Boscalid | 0.03 / 0.09 | 10 | N/A | ND | PASS |
| Chlorpyrifos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Cypermethrin | 0.11 / 0.32 | 1 | N/A | ND | PASS |
| Etoxazole | 0.02 / 0.06 | 1.5 | N/A | ND | PASS |
| Hexythiazox | 0.02 / 0.07 | 2 | N/A | ND | PASS |
| Imidacloprid | 0.04 / 0.11 | 3 | N/A | ND | PASS |
| Malathion | 0.03 / 0.09 | 5 | N/A | ND | PASS |
| Myclobutanil | 0.03 / 0.09 | 9 | N/A | ND | PASS |
| Permethrin | 0.04 / 0.12 | 20 | N/A | ND | PASS |
| Piperonyl Butoxide | 0.02 / 0.07 | 8 | N/A | ND | PASS |
| Propiconazole | 0.02 / 0.07 | 20 | N/A | ND | PASS |
| Spiromesifen | 0.02 / 0.05 | 12 | N/A | ND | PASS |
| Tebuconazole | 0.02 / 0.07 | 2 | N/A | ND | PASS |
| Trifloxystrobin | 0.03 / 0.08 | 30 | N/A | ND | PASS |



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

Exclusions² see last page

MYCOTOXIN TEST RESULTS - 03/02/2022 ✔ PASS

| COMPOUND | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|---------------------------------|----------------|--------|
| Aflatoxin B1 | 2.0 / 6.0 | | N/A | ND | |
| Aflatoxin B2 | 1.8 / 5.6 | | N/A | ND | |
| Aflatoxin G1 | 1.0 / 3.1 | | N/A | ND | |
| Aflatoxin G2 | 1.2 / 3.5 | | N/A | ND | |
| Total Aflatoxin | | 20 | | ND | PASS |
| Ochratoxin A | 6.3 / 19.2 | 20 | N/A | ND | PASS |



Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Exclusions³ see last page

RESIDUAL SOLVENTS TEST RESULTS - 02/28/2022 ✔ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|-----------|----------------|---------------------|--------------------------------|---------------|--------|
| Propane | 10 / 20 | 5000 | N/A | ND | PASS |
| n-Butane | 10 / 50 | 5000 | N/A | ND | PASS |
| n-Pentane | 20 / 50 | 5000 | N/A | ND | PASS |
| n-Hexane | 2 / 5 | 290 | N/A | ND | PASS |
| n-Heptane | 20 / 60 | 5000 | N/A | ND | PASS |
| Benzene | 0.03 / 0.09 | 1 | N/A | ND | PASS |
| Toluene | 7 / 21 | 890 | N/A | ND | PASS |

Continued on next page



Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 02/28/2022 *continued* ✔ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Total Xylenes | 50 / 160 | 2170 | N/A | ND | PASS |
| Methanol | 50 / 200 | 3000 | N/A | ND | PASS |
| Ethanol | 20 / 50 | 5000 | N/A | ND | PASS |
| 2-Propanol (Isopropyl Alcohol) | 10 / 40 | 5000 | N/A | ND | PASS |
| Acetone | 20 / 50 | 5000 | N/A | ND | PASS |
| Ethyl Ether | 20 / 50 | 5000 | N/A | ND | PASS |
| Ethylene Oxide | 0.3 / 0.8 | 1 | N/A | ND | PASS |
| Ethyl Acetate | 20 / 60 | 5000 | N/A | ND | PASS |
| Chloroform | 0.1 / 0.2 | 1 | N/A | ND | PASS |
| Dichloromethane (Methylene Chloride) | 0.3 / 0.9 | 1 | N/A | ND | PASS |
| Trichloroethylene | 0.1 / 0.3 | 1 | N/A | ND | PASS |
| 1,2-Dichloroethane | 0.05 / 0.1 | 1 | N/A | ND | PASS |
| Acetonitrile | 2 / 7 | 410 | N/A | ND | PASS |

Heavy Metals Analysis

HEAVY METALS TEST RESULTS - 03/01/2022 ✔ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Arsenic | 0.02 / 0.1 | 0.42 | N/A | ND | PASS |
| Cadmium | 0.02 / 0.05 | 0.27 | N/A | ND | PASS |
| Lead | 0.04 / 0.1 | 0.5 | N/A | ND | PASS |
| Mercury | 0.002 / 0.01 | 0.4 | N/A | ND | PASS |

Microbiology Analysis
 PCR AND PLATING

MICROBIOLOGY TEST RESULTS (PCR) - 03/04/2022 ✔ PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

| COMPOUND | ACTION LIMIT (cfu/g) | RESULT (cfu/g) | RESULT |
|---|----------------------|----------------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Not Detected in 1g | ND | PASS |
| <i>Salmonella</i> spp. | Not Detected in 1g | ND | PASS |
| Bile-Tolerant Gram-Negative Bacteria | 100 | ND | PASS |
| <i>Staphylococcus aureus</i> | Not Detected in 1g | ND | PASS |



 **Microbiology Analysis** *Continued* MICROBIOLOGY TEST RESULTS (PLATING) - 03/04/2022 ✔ PASS

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

| COMPOUND | ACTION LIMIT (cfu/g) | RESULT (cfu/g) | RESULT |
|------------------------|----------------------|----------------|--------|
| Total Aerobic Bacteria | 100 | ND | PASS |
| Total Yeast and Mold | 10 | ND | PASS |

NOTES

This product batch contains less than .3% THC as our COA states THC as Non-detect.

1. Exclusions: Sample Certification: California Code of Regulation Title 4 Division 19
2. Exclusions: Sample Certification: California Code of Regulation Title 4 Division 19
3. Exclusions: Sample Certification: California Code of Regulation Title 4 Division 19

