

**SAMPLE NAME: Tincture - Calming 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:** SVPO745-1000

**Sample ID:** 210805V007

**Date Collected:** 08/05/2021

**Date Received:** 08/05/2021

**Batch Size:**

**Sample Size:** 3.0 units

**Unit Mass:** 30 milliliters per Unit

**Serving Size:** 1 milliliters per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC: 2.670 mg/unit**

**Total CBD: 1029.330 mg/unit**

**Sum of Cannabinoids: 1180.140 mg/unit**

**Total Cannabinoids: 1180.140 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 =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDA} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$   
 Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Density: 0.9418 g/mL**

**SAFETY ANALYSIS - SUMMARY**

**Pesticides: ND**

**Heavy Metals: ND**

**Mycotoxins: ND**

**Microbiology (PCR): ND**

**Residual Solvents: ND**

**Microbiology (Plating): ND**

For quality assurance purposes. Not a Pre-Harvest 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. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

**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: Josh Antunovich  
Date: 08/13/2021



Approved by: Josh Wurzer, President  
Date: 08/13/2021



CANNABINOID TEST RESULTS - 08/07/2021

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

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

**TOTAL THC: 2.670 mg/unit**

Total THC ( $\Delta 9$ THC+0.877\*THCa)

**TOTAL CBD: 1029.330 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 1180.140 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8$ THC + CBL + CBN

**TOTAL CBG: 0.810 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 2.010 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 6.120 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.6435	34.311	3.6431
CBN	0.001 / 0.007	±0.1693	4.589	0.4873
CBDV	0.002 / 0.012	±0.0107	0.204	0.0217
$\Delta 9$ THC	0.002 / 0.014	±0.0063	0.089	0.0094
CBC	0.003 / 0.010	±0.0028	0.067	0.0071
CBL	0.003 / 0.010	±0.0024	0.051	0.0054
CBG	0.002 / 0.006	±0.0017	0.027	0.0029
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>39.338 mg/mL</b>	<b>4.1769%</b>

Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta 9$ THC per Unit	2.670 mg/unit
$\Delta 9$ THC per Serving	0.089 mg/serving
Total THC per Unit	2.670 mg/unit
Total THC per Serving	0.089 mg/serving
CBD per Unit	1029.330 mg/unit
CBD per Serving	34.311 mg/serving
Total CBD per Unit	1029.330 mg/unit
Total CBD per Serving	34.311 mg/serving
Sum of Cannabinoids per Unit	1180.140 mg/unit
Sum of Cannabinoids per Serving	39.338 mg/serving
Total Cannabinoids per Unit	1180.140 mg/unit
Total Cannabinoids per Serving	39.338 mg/serving

DENSITY TEST RESULT

0.9418 g/mL

Tested 08/07/2021

Method: QSP 7870 - Sample Preparation





## Pesticide Analysis

### PESTICIDE TEST RESULTS - 08/11/2021 ND

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

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Abamectin	0.03 / 0.10	0.3	N/A	ND
Azoxystrobin	0.01 / 0.04	40	N/A	ND
Bifenazate	0.01 / 0.02	5	N/A	ND
Bifenthrin	0.01 / 0.02	0.5	N/A	ND
Boscalid	0.02 / 0.06	10	N/A	ND
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND
Cypermethrin	0.1 / 0.3	1	N/A	ND
Etoxazole	0.010 / 0.028	1.5	N/A	ND
Hexythiazox	0.01 / 0.04	2	N/A	ND
Imidacloprid	0.01 / 0.04	3	N/A	ND
Malathion	0.02 / 0.05	5	N/A	ND
Myclobutanil	0.03 / 0.1	9	N/A	ND
Permethrin	0.03 / 0.09	20	N/A	ND
Piperonylbutoxide	0.003 / 0.009	8	N/A	ND
Propiconazole	0.01 / 0.03	20	N/A	ND
Spiromesifen	0.02 / 0.05	12	N/A	ND
Tebuconazole	0.02 / 0.07	2	N/A	ND
Trifloxystrobin	0.01 / 0.03	30	N/A	ND



## Mycotoxin Analysis

### MYCOTOXIN TEST RESULTS - 08/11/2021 ND

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

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

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)
Aflatoxin B1	2.0 / 6.0	5	N/A	ND
Aflatoxin B2	1.8 / 5.6	20	N/A	ND
Aflatoxin G1	1.0 / 3.1	20	N/A	ND
Aflatoxin G2	1.2 / 3.5	20	N/A	ND
Total Aflatoxin		20		ND
Ochratoxin A	6.3 / 19.2	5	N/A	ND





## Residual Solvents Analysis

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

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

### RESIDUAL SOLVENTS TEST RESULTS - 08/11/2021 ND

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Propane	10 / 20	5000	N/A	ND
Butane	10 / 50	5000	N/A	ND
Pentane	20 / 50	5000	N/A	ND
Hexane	2 / 5	290	N/A	ND
Heptane	20 / 60	5000	N/A	ND
Benzene	0.03 / 0.09	1	N/A	ND
Toluene	7 / 21	890	N/A	ND
Total Xylenes	50 / 160	2170	N/A	ND
Methanol	50 / 200	3000	N/A	ND
Ethanol	20 / 50	5000	N/A	ND
Isopropyl Alcohol	10 / 40	5000	N/A	ND
Acetone	20 / 50	5000	N/A	ND
Ethyl ether	20 / 50	5000	N/A	ND
Ethylene Oxide	0.3 / 0.8	1	N/A	ND
Ethyl acetate	20 / 60	5000	N/A	ND
Chloroform	0.1 / 0.2	1	N/A	ND
Methylene chloride	0.3 / 0.9	1	N/A	ND
Trichloroethylene	0.1 / 0.3	1	N/A	ND
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND
Acetonitrile	2 / 7	410	N/A	ND



## Heavy Metals Analysis

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

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

### HEAVY METALS TEST RESULTS - 08/10/2021 ND

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





### Microbiology Analysis

#### PCR AND PLATING

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

**Method:** QSP 1221 - Analysis of Microbiological Contaminants

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

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

#### MICROBIOLOGY TEST RESULTS (PCR) - 08/12/2021 ND

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

#### MICROBIOLOGY TEST RESULTS (PLATING) - 08/12/2021 ND

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

