

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 11/15/2022** 

SAMPLE NAME: Tincture - Focus Mushroom 4000mg

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: FM4 Sample ID: 221103N008 **DISTRIBUTOR / TESTED FOR** 

**Business Name: CBDFX** License Number:

Address: 19851 Nordhoff PI, #105

Chatsworth CA 91311

Date Collected: 11/03/2022 Date Received: 11/03/2022

Batch Size:

Sample Size: 2.0 units

Unit Mass: 60 milliliters per Unit Serving Size: 1 milliliters per Serving







Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

**Total THC: Not Detected** 

Total CBD: 4404.540 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 =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 4594.560 mg/unitTHCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN . Total Cannabinoids = (Δ<sup>9</sup>-THC+0.877\*THCa) + (CBD+0.877\*CBDa) +

Total Cannabinoids: 4594.560 mg/unit (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) + Δ<sup>8</sup>-THC + CBL + CBN

Density: 1.1926 g/mL

#### **SAFETY ANALYSIS - SUMMARY**

Pesticides: 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)

Approved by: Josh Wurze Date: 11/15/2022



### **CERTIFICATE OF ANALYSIS**



TINCTURE - FOCUS MUSHROOM 4000MG | DATE ISSUED 11/15/2022



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<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 4404.540 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 4594.560 mg/unit

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

TOTAL CBG: 169.500 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: 20.520 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 11/06/2022**

	COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Ī	CBD	0.080 / 0.220	±2.7382	73.409	6.1554
Ī	CBG	0.040 / 0.120	±0.1370	2.825	0.2369
	CBDV	0.040 / 0.240	±0.0140	0.342	0.0287
Ī	Δ <sup>9</sup> -THC	0.040 / 0.280	N/A	ND	ND
Ī	Δ <sup>8</sup> -THC	0.20 / 0.40	N/A	ND	ND
	THCa	0.020 / 0.100	N/A	ND	ND
Ī	THCV	0.040 / 0.240	N/A	ND	ND
Ī	THCVa	0.040 / 0.380	N/A	ND	ND
it-	CBDa	0.020 / 0.520	N/A	ND	ND
111	CBDVa	0.020 / 0.360	N/A	ND	ND
Ī	CBGa	0.040 / 0.140	N/A	ND	ND
	CBL	0.060 / 0.200	N/A	ND	ND
	CBN	0.020 / 0.140	N/A	ND	ND
	СВС	0.060 / 0.200	N/A	ND	ND
	CBCa	0.020 / 0.300	N/A	ND	ND
	SUM OF CANNA	BINOIDS	-	76.576 mg/mL	6.4209%

#### Unit Mass: 60 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta^9$ -THC per Unit		ND
Δ <sup>9</sup> -THC per Serving		ND
Total THC per Unit		ND
Total THC per Serving		ND
CBD per Unit	44	404.540 mg/unit
CBD per Serving	73	3.409 mg/serving
Total CBD per Unit	44	404.540 mg/unit
Total CBD per Serving	73	3.409 mg/serving
Sum of Cannabinoids per Unit	4:	594.560 mg/unit
Sum of Cannabinoids per Serving	76	5.576 mg/serving
Total Cannabinoids per Unit	4!	594.560 mg/unit
Total Cannabinoids per Serving	76	5.576 mg/serving

#### **DENSITY TEST RESULT**

1.1926 g/mL

Tested 11/06/2022

Method: QSP 7870 - Sample Preparation



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# **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

Exclusions<sup>1</sup> see last page

### PESTICIDE TEST RESULTS - 11/10/2022 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
Ī	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
Ī	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
Ī	Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
	Trifloxystrobin	0.03 / 0.08	30	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

Exclusions<sup>2</sup> see last page

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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
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

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### **CERTIFICATE OF ANALYSIS**



**Residual Solvents Analysis** 

### RESIDUAL SOLVENTS TEST RESULTS - 11/09/2022 continued PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
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

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## **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 - 11/10/2022** PASS

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

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

Method: QSP 1221 - Analysis of Microbiological Contaminants

### MICROBIOLOGY TEST RESULTS (PCR) - 11/11/2022 PASS

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

Analysis conducted by 3M<sup>™</sup> Petrifilm<sup>™</sup> and plate counts of microbiological contaminants.

**Method:** QSP 6794 - Plating with  $3M^{TM}$  Petrifilm<sup>TM</sup>

### MICROBIOLOGY TEST RESULTS (PLATING) - 11/11/2022 PASS

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

#### **NOTES**

COA amended to reflect requested assays. This product contains less than .3% THC. Order Details-Dilution

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