

SAMPLE NAME: Cream - Muscle & Joint 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: 1022-CM1000UK

Sample ID: 220224P010

Date Collected: 02/24/2022

Date Received: 02/24/2022

Batch Size:

Sample Size: 2.0 units

Unit Mass: 50 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 1141.450 mg/unit

Sum of Cannabinoids: 1165.100 mg/unit

Total Cannabinoids: 1165.100 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: 1.0129 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: 03/02/2022


 Approved by: Josh Wurzer, President
 Date: 03/02/2022



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: **1141.450 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **1165.100 mg/unit**

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

TOTAL CBG: **22.400 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: **1.250 mg/unit**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/26/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.8515	22.829	2.2538
CBG	0.002 / 0.006	±0.0217	0.448	0.0442
CBDV	0.002 / 0.012	±0.0010	0.025	0.0025
Δ^9 -THC	0.002 / 0.014	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
Δ^8 -THC	0.01 / 0.02	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
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			23.302 mg/mL	2.3005%

Unit Mass: 50 milliliters per Unit

Δ^9 -THC per Unit	ND
Total THC per Unit	ND
CBD per Unit	1141.450 mg/unit
Total CBD per Unit	1141.450 mg/unit
Sum of Cannabinoids per Unit	1165.100 mg/unit
Total Cannabinoids per Unit	1165.100 mg/unit

DENSITY TEST RESULT

1.0129 g/mL

Tested 02/26/2022

Method: QSP 7870 - Sample Preparation



Pesticide Analysis

PESTICIDE TEST RESULTS - 03/02/2022 ✔ PASS

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

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



Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 03/02/2022 ✔ PASS

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

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



Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 03/02/2022 ✔ PASS

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

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

Exclusions³ see last page

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

Continued on next page



Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 03/02/2022 *continued* ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Total Xylenes	50 / 160	2170		ND	PASS
Methanol	50 / 200	3000		ND	PASS
Ethanol	20 / 50	5000		ND	PASS
2-Propanol (Isopropyl Alcohol)	10 / 40	5000		ND	PASS
Acetone	20 / 50	5000		ND	PASS
Ethyl Ether	20 / 50	5000		ND	PASS
Ethylene Oxide	0.3 / 0.8	1		ND	PASS
Ethyl Acetate	20 / 60	5000		ND	PASS
Chloroform	0.1 / 0.2	1		ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1		ND	PASS
Trichloroethylene	0.1 / 0.3	1		ND	PASS
1,2-Dichloroethane	0.05 / 0.1	1		ND	PASS
Acetonitrile	2 / 7	410		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		ND	PASS
Cadmium	0.02 / 0.05	0.27		ND	PASS
Lead	0.04 / 0.1	0.5		ND	PASS
Mercury	0.002 / 0.01	0.4		ND	PASS

Microbiology Analysis
 PCR AND PLATING

MICROBIOLOGY TEST RESULTS (PCR) - 03/02/2022 ✔ 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) - 03/02/2022 ✔ 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

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

