

### **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 10/05/2021** 

#### SAMPLE NAME: Bath Bomb - Recharge (Eucalyptus) 200mg

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: U229B Sample ID: 210927N009 **DISTRIBUTOR / TESTED FOR** 

**Business Name: CBDFX** 

License Number:

Address: 19851 Nordhoff PI, #105

Chatsworth CA 91311

Date Collected: 09/27/2021 Date Received: 09/27/2021

Batch Size:

Sample Size: 2.0 units

Unit Mass: 118.26 grams per Unit

Serving Size:







Scan QR code to verify authenticity of results.

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

**Total THC: Not Detected** 

Total CBD: 229.543 mg/unit

Total Cannabinoids: 229.543 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 =  $\Delta$ 9THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta$ 9THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 229.543 mg/unit THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ8THC + CBL + CBN Total Cannabinoids =  $(\Delta 9THC + 0.877*THCa) + (CBD+0.877*CBDa) +$ (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) + Δ8THC + CBL + CBN

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

Pesticides: ND

**Heavy Metals: DETECTED** 

Mycotoxins: ND

Microbiology (PCR): ND

Residual Solvents: ND

Microbiology (Plating): PASS

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: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

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)

proved by: Josh Wurzer, President ite: 10/05/2021





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# 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 (Δ9THC+0.877\*THCa)

TOTAL CBD: 229.543 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 229.543 mg/unit

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

**TOTAL CBG: ND** 

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: <LOQ
Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 09/29/2021**

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT mg/g	RESULT (mg/g)	RESULT (%)
	CBD	0.004 / 0.011	±0.0930	1.941	0.1941
	CBDV	0.002/0.012	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
	Δ9ΤΗС	0.002/0.014	N/A	ND	ND
	Δ8ΤΗC	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
'	CBG	0.002 / 0.006	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
	СВС	0.003 / 0.010	N/A	ND	ND
	CBCa	0.001/0.015	N/A	ND	ND
	SUM OF CANNAE	BINOIDS		1.941 mg/g	0.1941%

#### Unit Mass: 118.26 grams per Unit

Δ9THC per Unit	ND
Total THC per Unit	ND
CBD per Unit	229.543 mg/unit
Total CBD per Unit	229.543 mg/unit
Sum of Cannabinoids per Unit	229.543 mg/unit
Total Cannabinoids per Unit	229.543 mg/unit







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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

#### PESTICIDE TEST RESULTS - 10/01/2021 ND

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT 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 analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

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

#### MYCOTOXIN TEST RESULTS - 10/01/2021 ND

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT 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





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# **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 - 10/01/2021 ND**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT 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 - 09/30/2021 DETECTED**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT μg/g	RESULT (µg/g)
Arsenic	0.02 / 0.1	0.42	N/A	<loq< th=""></loq<>
Cadmium	0.02 / 0.05	0.27	N/A	ND
Lead	0.04 / 0.1	0.5	±0.00	0.2
Mercury	0.002 / 0.01	0.4	N/A	ND





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## **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  $3M^{\text{TM}}$  Petrifilm and plate counts of microbiological contaminants.

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

#### MICROBIOLOGY TEST RESULTS (PCR) - 10/05/2021 ND

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

#### MICROBIOLOGY TEST RESULTS (PLATING) - 10/05/2021 PASS

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

