

**SAMPLE NAME: CBD Dog Chews**

Other

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name:** Blossum CBD

**License Number:**

**Address:** 4630 campus Dr. #200  
Newport Beach CA 92660



**SAMPLE DETAIL**

**Batch Number:**

**Sample ID:** 200512R003

**Date Collected:** 05/12/2020

**Date Received:** 05/12/2020

**Batch Size:**

**Sample Size:** 12.0 Unit(s)

**Unit Mass:** 6.3018 Grams per Unit

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 0.0 mg/unit

**Total CBD:** 1.758 mg/unit

**Total Cannabinoids:** 1.821 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 =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$

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

**Moisture:** NT

**Density:** NT

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

**Pesticides:** NT

**Mycotoxins:** NT

**Residual Solvents:** NT

**Heavy Metals:** ✔ **PASS**

**Microbial Impurities (PCR):** NT

**Microbial Impurities (Plating):** NT

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E Acetate:** NT

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)

*Carmen Stackhouse* *Josh Wurzer*  
LQC verified by: Carmen Stackhouse Date: 05/15/2020  
Approved by: Josh Wurzer, President Date: 05/15/2020



## 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: 0.0 mg/unit**

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

**TOTAL CBD: 1.758 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 1.821 mg/unit**

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

**TOTAL CBG: <LOQ**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.063 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 05/15/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDa	0.001 / 0.003	$\pm 0.0084$	0.231	0.0231
CBD	0.004 / 0.011	$\pm 0.0036$	0.076	0.0076
CBCa	0.001 / 0.004	$\pm 0.0005$	0.011	0.0011
THCa	0.001 / 0.002	$\pm 0.0001$	0.005	0.0005
CBG	0.002 / 0.005	N/A	<LOQ	<LOQ
CBGa	0.002 / 0.006	N/A	<LOQ	<LOQ
$\Delta^9$ THC	0.002 / 0.005	N/A	ND	ND
$\Delta^8$ THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDV	0.002 / 0.007	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBL	0.003 / 0.008	N/A	ND	ND
CBN	0.001 / 0.004	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>0.323 mg/g</b>	<b>0.0323%</b>

#### MOISTURE TEST RESULT

Not Tested
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#### DENSITY TEST RESULT

Not Tested
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#### VISCOSITY TEST RESULT

Not Tested
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#### Unit Mass: 6.3018 Grams per Unit / Serving Size:

$\Delta^9$ THC per Unit	ND
$\Delta^9$ THC per Serving	
CBD per Unit	0.479 mg/unit
CBD per Serving	



 **Heavy Metals Analysis**

HEAVY METALS TEST RESULTS - 05/13/2020 ✔ 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
Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Arsenic	0.02 / 0.1	1.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS

