



# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

*Natural CBD Smokes* DATE ISSUED 05/16/2020

## SAMPLE NAME: Natural CBD Blue

Flower, Inhalable

### CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

### DISTRIBUTOR

Business Name: CBD Dawg

License Number:

Address:



### SAMPLE DETAIL

Batch Number:

Sample ID: 200513S001

Date Collected: 05/13/2020

Date Received: 05/13/2020

Batch Size:

Sample Size: 26.0 Gram(s)

Unit Mass:

Serving Size:



Scan QR code to verify authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.0%

Total CBD: 1.548%

Total Cannabinoids: 1.628%

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: NT

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)

LQC verified by: Josh Antunovich  
Date: 05/16/2020

Approved by: Josh Wurzer, President  
Date: 05/16/2020



**Cannabinoid Analysis**

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

Method: OSP - (1157) Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 0.0%**

Total THC ( $\Delta 9\text{THC} + 0.877 \cdot \text{THCa}$ )

**TOTAL CBD: 1.548%**

Total CBD ( $\text{CBD} + 0.877 \cdot \text{CBDa}$ )

**TOTAL CANNABINOIDS: 1.628%**

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

**TOTAL CBG: <LOQ**

Total CBG ( $\text{CBG} + 0.877 \cdot \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 \cdot \text{THCVa}$ )

**TOTAL CBC: 0.08%**

Total CBC ( $\text{CBC} + 0.877 \cdot \text{CBCa}$ )

**TOTAL CBDV: <LOQ**

Total CBDV ( $\text{CBDV} + 0.877 \cdot \text{CBDVa}$ )

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

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDa	0.06 / 0.17	$\pm 0.437$	10.35	1.035
CBD	0.1 / 0.3	$\pm 0.35$	6.4	0.64
CBCa	0.1 / 0.4	$\pm 0.05$	0.6	0.06
CBC	0.1 / 0.2	$\pm 0.01$	0.3	0.03
THCa	0.04 / 0.12	$\pm 0.010$	0.24	0.024
CBDVa	0.02 / 0.06	N/A	<LOQ	<LOQ
CBGa	0.1 / 0.4	N/A	<LOQ	<LOQ
$\Delta 9\text{THC}$	0.1 / 0.4	N/A	ND	ND
$\Delta 8\text{THC}$	0.05 / 0.15	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.15	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBG	0.2 / 0.5	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>17.89 mg/g</b>	<b>1.789%</b>

**MOISTURE TEST RESULT**

Not Tested

**DENSITY TEST RESULT**

Not Tested

**VISCOSITY TEST RESULT**

Not Tested

**Unit Mass: / Serving Size:**

$\Delta 9\text{THC}$ per Unit
$\Delta 9\text{THC}$ per Serving
CBD per Unit
CBD per Serving

