

SAMPLE NAME: CBD BSO LC 032320

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: Smart CBD Solutions, LLC

License Number:

Address:



SAMPLE DETAIL

Batch Number: LC-032320

Sample ID: 201023Q012

Date Collected: 10/23/2020

Date Received: 10/24/2020

Batch Size:

Sample Size: 1.0 grams

Unit Mass: 1 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 89.055%

Sum of Cannabinoids: 96.438%

Total Cannabinoids: 96.438%

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

$\Delta 9\text{THC}$ per Unit: ✔ PASS

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: NT

Pesticides: NT

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbial Impurities (PCR): NT

Microbial Impurities (Plating): 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)

Reza Naemeh
 LQC verified by: Reza Naemeh
 Date: 10/25/2020

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 10/25/2020



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: **Not Detected**

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

TOTAL CBD: **89.055%**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **96.438%**

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

TOTAL CBG: **5.668%**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **0.24%**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **0.08%**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **1.395%**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 10/25/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.07 / 0.20	±41.232	890.55	89.055
CBG	0.06 / 0.19	±2.233	56.68	5.668
CBDV	0.04 / 0.14	±0.608	13.95	1.395
THCV	0.1 / 0.2	±0.12	2.4	0.24
CBC	0.2 / 0.5	±0.02	0.8	0.08
$\Delta 9$ THC	0.06 / 0.18	N/A	ND	ND
$\Delta 8$ THC	0.1 / 0.4	N/A	ND	ND
THCa	0.05 / 0.14	N/A	ND	ND
THCVa	0.07 / 0.20	N/A	ND	ND
CBDA	0.02 / 0.07	N/A	ND	ND
CBDVa	0.03 / 0.10	N/A	ND	ND
CBGa	0.1 / 0.2	N/A	ND	ND
CBL	0.06 / 0.18	N/A	ND	ND
CBN	0.1 / 0.3	N/A	ND	ND
CBCa	0.07 / 0.21	N/A	ND	ND
SUM OF CANNABINOIDS			964.38 mg/g	96.438%

Unit Mass: 1 grams per Unit

$\Delta 9$ THC per Unit	1100 per-package limit	ND	PASS
Total THC per Unit		ND	
CBD per Unit		890.55 mg/unit	
Total CBD per Unit		890.55 mg/unit	
Sum of Cannabinoids per Unit		964.38 mg/unit	
Total Cannabinoids per Unit		964.38 mg/unit	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

Not Tested

VISCOSITY TEST RESULT

Not Tested

