

SAMPLE NAME: CBG Tincture

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR

Business Name: Deep Relief CBD
License Number:
Address:



SAMPLE DETAIL

Batch Number: 43020
Sample ID: 200501Q002

Date Collected: 05/01/2020
Date Received: 05/01/2020
Batch Size:
Sample Size:
Unit Mass: 28.32 Grams per Unit
Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 20.390 mg/unit

Total CBD: 560.424 mg/unit

Total Cannabinoids: 2189.672 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: 0.944 g/mL

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: Michael Pham
Date: 05/02/2020



Approved by: Josh Wurzer, President
Date: 05/02/2020



CANNABINOID TEST RESULTS - 05/02/2020

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

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

TOTAL THC: 20.390 mg/unit

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

TOTAL CBD: 560.424 mg/unit

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

TOTAL CANNABINOIDS: 2189.672 mg/unit

TOTAL CBG: 1573.884 mg/unit

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

TOTAL THCV: ND

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

TOTAL CBC: 29.226 mg/unit

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

TOTAL CBDV: 3.908 mg/unit

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

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBG	0.002 / 0.005	±3.4568	55.575	5.5575
CBD	0.004 / 0.011	±0.9479	19.789	1.9789
CBC	0.003 / 0.010	±0.0427	1.032	0.1032
$\Delta^9\text{THC}$	0.002 / 0.005	±0.0508	0.720	0.0720
CBDV	0.002 / 0.007	±0.0072	0.138	0.0138
CBL	0.003 / 0.008	±0.0024	0.051	0.0051
CBN	0.001 / 0.004	±0.0005	0.014	0.0014
$\Delta^8\text{THC}$	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.002	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDa	0.001 / 0.003	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBGa	0.002 / 0.006	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
SUM OF CANNABINOIDS			77.319 mg/g	7.7319%

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.944 g/mL
Tested 05/02/2020
Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

Unit Mass: 28.32 Grams per Unit / Serving Size:

$\Delta^9\text{THC}$ per Unit	1000.0 per-package limit	20.390 mg/unit	PASS
$\Delta^9\text{THC}$ per Serving			
CBD per Unit		560.424 mg/unit	
CBD per Serving			

