

SAMPLE NAME: CBD Calm Tincture

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: Golden Apple Cannabis Co.

License Number:

Address:
Templeton 93465



SAMPLE DETAIL

Batch Number:

Sample ID: 200625S013

Source Metrc UID:

Date Collected: 06/25/2020

Date Received: 06/25/2020

Batch Size:

Sample Size: 1.0 Unit(s)

Unit Mass: 30 Milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY ✔ PASS

Sum of Cannabinoids: 744.240 mg/unit

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

Moisture: NT

Total Cannabinoids: 744.240 mg/unit

Density: 0.9474 g/mL

Total THC: 0.900 mg/unit

Viscosity: NT

Total CBD: 739.560 mg/unit

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

Pesticides: NT

Heavy Metals: NT

Foreign Material: NT

Mycotoxins: NT

Microbial Impurities (PCR): NT

Water Activity: NT

Residual Solvents: NT

Microbial Impurities (Plating): NT

Vitamin E Acetate: NT

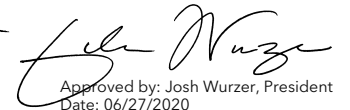
For quality assurance purposes. Not a Regulatory Compliance Testing Certificate. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

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)


 QC verified by: Kevin Flores
 Date: 06/27/2020


 Approved by: Josh Wurzer, President
 Date: 06/27/2020



Cannabinoid Analysis

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

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

TOTAL CANNABINOIDS: 744.240 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ8THC + CBL + CBN

TOTAL THC: 0.900 mg/unit

Total THC (Δ9THC+0.877*THCa)

TOTAL CBD: 739.560 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CBG: 0.270 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 2.070 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.290 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/27/2020 ✔ PASS

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.1808	24.652	2.6021
CBC	0.003 / 0.010	±0.0029	0.069	0.0073
CBDV	0.002 / 0.007	±0.0023	0.043	0.0045
Δ9THC	0.002 / 0.005	±0.0021	0.030	0.0032
CBG	0.002 / 0.005	±0.0006	0.009	0.0009
CBN	0.001 / 0.004	±0.0002	0.005	0.0005
Δ8THC	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
CBL	0.003 / 0.008	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
SUM OF CANNABINOIDS			24.808 mg/mL	2.6185%

Unit Mass: 30 Milliliters per Unit

Δ9THC per Unit	1000.0 per-package limit	0.900 mg/unit	PASS
Total THC per Unit		0.900 mg/unit	
CBD per Unit		739.560 mg/unit	
Total CBD per Unit		739.560 mg/unit	
Sum of Cannabinoids per Unit		744.240 mg/unit	
Total Cannabinoids per Unit		744.240 mg/unit	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9474 g/mL

Tested 06/27/2020

Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

