

CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST



Sample Name:

**Full Spectrum Topical Balm
- 1500mg**

Infused, Non-Inhalable

Date Issued:

05/22/2022



https://client.sclabs.com/sample_photos/220520S003.jpg

Sample Details

Sample ID: 220520S003

Batch Number:

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Cultivator / Manufacturer

[Show Details](#)

Distributor / Tested For

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Cannabinoid Analysis - Summary

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Total THC: Not Detected

Total CBD: 2294.320 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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids: **2340.24 mg/unit**

Total Cannabinoids: **2340.38 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 = $(\Delta^9\text{-THC} + 0.877 * \text{THCa}) + (\text{CBD} + 0.877 * \text{CBDa}) + (\text{CBG} + 0.877 * \text{CBGa}) + (\text{THCV} + 0.877 * \text{THCVa}) + (\text{CBC} + 0.877 * \text{CBCa}) + (\text{CBDV} + 0.877 * \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately?



Safety Analysis - Summary

[View Full Results](#)

$\Delta^9\text{-THC}$ per Unit: **Pass**

View Complete Test Results:

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Cannabinoid Analysis **Tested**

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

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

Summary

Total THC:

Not Detected

(Δ^9 -THC+0.877*THCa)

Total CBD:

2294.320 mg/unit

(CBD+0.877*CBDa)

Total Cannabinoids: ?

2340.38 mg/unit

Total CBG: 11.732 mg/unit

Total CBG (CBG+0.877*CBGa)

Total THCV: ND

Total THCV (THCV+0.877*THCVa)

Total CBC: 9.100 mg/unit

Total CBC (CBC+0.877*CBCa)

Total CBDV: 9.996 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

Cannabinoid Test Results | 05/22/2022

Result Views

Table

Pie Chart

Filter by:

Compound	LOD/LOQ (mg/g) [?]	Measurement Uncertainty (mg/g) [?]	Result (mg/g)	Result (%)
Cannabidiol (CBD)	0.004 / 0.011	±3.0564	81.940	8.1940
Cannabinol (CBN)	0.001 / 0.007	±0.0139	0.484	0.0484
Cannabigerol (CBG)	0.002 / 0.006	±0.0203	0.419	0.0419
Cannabidivarin (CBDV)	0.002 / 0.012	±0.0146	0.357	0.0357
Cannabichromene (CBC)	0.003 / 0.010	±0.0105	0.325	0.0325
Δ8 Tetrahydrocannabinol (Δ8THC)	0.01 / 0.02	±0.003	0.06	0.006
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	N/A	ND	ND
Tetrahydrocannabinolic Acid (THCa)	0.001 / 0.005	N/A	ND	ND
Tetrahydrocannabivarin (THCV)	0.002 / 0.012	N/A	ND	ND
SUM OF CANNABINOIDS			83.58 mg/g	8.358%

Compound	LOD/LOQ (mg/g) [?]	Measurement Uncertainty (mg/g) [?]	Result (mg/g)	Result (%)
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	N/A	ND	ND
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	ND	ND
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	ND	ND
Cannabigerolic Acid (CBGa)	0.002 / 0.007	N/A	ND	ND
Cannabicyclol (CBL)	0.003 / 0.010	N/A	ND	ND
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			83.58 mg/g	8.358%

Unit Mass: 28 GRAMS

Δ^9-THC per Unit	1100 per-package limit	ND	Pass
Total THC per Unit		ND	
CBD per Unit		2294.320 mg/unit	

Total CBD per Unit	2294.320 mg/unit
Sum of Cannabinoids per Unit	2340.24 mg/unit
Total Cannabinoids per Unit	2340.38 mg/unit

Learn more

The cannabis plant contains dozens of active compounds called cannabinoids (<https://www.sclabs.com/cannabinoids/>). These compounds are the primary contributors to the psychoactive effects of cannabis.

Cannabinoid testing (<https://www.sclabs.com/cannabis/>) determines the potency of a sample to aid in dosage considerations.

COA ID: 220520S003-001

For quality assurance purposes. Not a Regulatory 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 4 Division 19. Department of Cannabis Control 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.