CERTIFICATE OF ANALYSIS
HEMP QUALITY ASSURANCE TEST

Sample Name:

2000mg Full Spectrum CBD Cooling Balm

Infused, Hemp

Date Issued:
06/29/2024

(https://sclaboratories.s3.us-west-1.amazonaws.com/sample_photos/240628

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Sample Details

Sample ID: 240628N014

Batch Number: 117024
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Cultivator / Manufacturer

Show Details

Distributor / Tested For

Business Name: Cannilabs

License Number:

Address:

See all samples (/cannilabs/)

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Cannabinoid Analysis - Summary

View Full Results

Total THC: 75.366 mg/unit

Total CBD: 2138.017 mg/unit

Sum of Cannabinoids: 2351.040 mg/unit

Total Cannabinoids: 2351.040 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 = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN

Total Cannabinoids = (Δ^9-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8-THC + CBL + CBN

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately?

View Complete Test Results: Collapse All

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:
75.366 mg/unit
(Δ^9-THC+0.877*THCa)

Total CBD:
2138.017 mg/unit
(CBD+0.877*CBDa)

Total Cannabinoids:
2351.040 mg/unit

Total CBG: 43.687 mg/unit
Total CBG (CBG+0.877*CBGa)

Total THCV: ND
Total THCV (THCV+0.877*THCVa)

Total CBC: 70.982 mg/unit
Total CBC (CBC+0.877*CBCa)

Total CBDV: 17.933 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

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.

Cannabinoid Test Results | 06/29/2024

Result Views

Table Pie Chart

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (mg/g)	Measurement Uncertainty (mg/g)	Result (mg/g)	Result (%)
Cannabidiol (CBD)	0.004 / 0.011	±2.0189	**54.127**	**5.4127**
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	±0.1047	**1.908**	**0.1908**
Cannabichromene (CBC)	0.003 / 0.010	±0.0579	**1.797**	**0.1797**
Cannabigerol (CBG)	0.002 / 0.006	±0.0536	**1.106**	**0.1106**
SUM OF CANNABINOIDS			**59.520 mg/g**	**5.952%**

Compound	LOD/LOQ (mg/g) ⓘ	Measurement Uncertainty (mg/g) ⓘ	Result (mg/g)	Result (%)
Cannabidivarin (CBDV)	0.002 / 0.012	±0.0185	**0.454**	**0.0454**
Cannabinol (CBN)	0.001 / 0.007	±0.0021	**0.072**	**0.0072**
Cannabicyclol (CBL)	0.003 / 0.010	±0.0021	**0.056**	**0.0056**
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	**ND**	**ND**
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	**ND**	**ND**
Cannabigerolic Acid (CBGa)	0.002 / 0.007	N/A	**ND**	**ND**
Tetrahydrocannabivarin (THCV)	0.002 / 0.012	N/A	**ND**	**ND**
Tetrahydrocannabinolic Acid (THCa)	0.001 / 0.005	N/A	**ND**	**ND**
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	**ND**	**ND**
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	N/A	**ND**	**ND**
Δ8 Tetrahydrocannabinol (Δ8THC)	0.01 / 0.02	N/A	**ND**	**ND**
SUM OF CANNABINOIDS			**59.520 mg/g**	**5.952%**

Unit Mass: 39.5 GRAMS

Swipe left on table to see additional columns

Δ^9-THC per Unit	**75.366 mg/unit**
Total THC per Unit	**75.366 mg/unit**
CBD per Unit	**2138.017 mg/unit**
Total CBD per Unit	**2138.017 mg/unit**
Sum of Cannabinoids per Unit	**2351.040 mg/unit**
Total Cannabinoids per Unit	**2351.040 mg/unit**

COA ID: 240628N014-001

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.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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