

CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST



Sample Name:
1:1 Lollipop
Infused, Hemp
Date Issued:
05/13/2023



(<https://sclaboratories.s3.amazonaws.com/sc>)
🔍 Hover to Zoom In

Serving Size:
17 grams

Sample Details

Sample ID: 230510N013
Batch Number: LP1101
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Cultivator / Manufacturer
[Show Details](#)

Distributor / Tested For
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Cannabinoid Analysis - Summary

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Total THC: **0.824 mg/g**

Total CBD: **1.028 mg/g**

Sum of Cannabinoids: **2.016 mg/g**

Total Cannabinoids: **1.979 mg/g**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

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

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

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

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

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately? ▼

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

Cannabinoid Test Results | 05/13/2023

Total THC:
0.824 mg/g
(Δ^9 -THC+0.877*THCa)

Result Views

Table Pie Chart



Total CBD:
1.028 mg/g
(CBD+0.877*CBDA)

Total Cannabinoids:
1.979 mg/g

Total CBG: 0.050 mg/g
Total CBG (CBG+0.877*CBGa)

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

Total CBC: 0.062 mg/g
Total CBC (CBC+0.877*CBCa)

Total CBDV: 0.015 mg/g
Total CBDV (CBDV+0.877*CBDVa)

Learn more

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

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

Compound	LOD/LOQ (mg/g) <input checked="" type="checkbox"/>	Measurement Uncertainty (mg/g) <input checked="" type="checkbox"/>	Result (mg/g)	Result (%)
Δ^9 Tetrahydrocannabinol (Δ^9THC)	0.002 / 0.014	± 0.0440	0.802	0.0802
Cannabidiol (CBD)	0.004 / 0.011	± 0.0298	0.800	0.0800
Cannabidiolic Acid (CBDA)	0.001 / 0.026	± 0.0074	0.260	0.0260
Cannabichromene (CBC)	0.003 / 0.010	± 0.0020	0.062	0.0062
Cannabigerol (CBG)	0.002 / 0.006	± 0.0019	0.039	0.0039
Tetrahydrocannabinolic Acid (THCa)	0.001 / 0.005	± 0.0004	0.025	0.0025
Cannabidivarin (CBDV)	0.002 / 0.012	± 0.0006	0.015	0.0015
Cannabigerolic Acid (CBGa)	0.002 / 0.007	± 0.0003	0.013	0.0013
Cannabinol (CBN)	0.001 / 0.007	N/A	<LOQ	<LOQ
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	<LOQ	<LOQ
Δ^8 Tetrahydrocannabinol (Δ^8THC)	0.01 / 0.02	N/A	ND	ND
Tetrahydrocannabivarin (THCV)	0.002 / 0.012	N/A	ND	ND
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	N/A	ND	ND
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	ND	ND
Cannabicyclol (CBL)	0.003 / 0.010	N/A	ND	ND

SUM OF CANNABINOIDS	2.016 mg/g	0.2016%
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Serving Size: 17 GRAMS

Δ⁹-THC per Serving	13.634 mg/serving
Total THC Per Serving	14.008 mg/serving
CBD per Serving	13.600 mg/serving
Total CBD per Serving	17.476 mg/serving
Sum of Cannabinoids per Serving	34.272 mg/serving
Total Cannabinoids per Serving	33.643 mg/serving

COA ID: 230510N013-001

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)

SC Laboratories California LLC. | 100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-0000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168

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