

CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST



Sample Name:
5:1 Lollipops

Infused, Hemp Infused

Date Issued:
04/11/2022



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

Serving Size:
17 grams

Sample Details

Sample ID: 220406R004

Batch Number: 51LP01

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Cultivator / Manufacturer

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Distributor / Tested For

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Cannabinoid Analysis - Summary

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Total THC: **7.038 mg/unit**

Total CBD: **27.982 mg/unit**

Sum of Cannabinoids:
36.856 mg/unit

Total Cannabinoids:
36.771 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:

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

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

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

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

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 | 04/09/2022

Total THC:
7.038 mg/unit
(Δ^9 -THC+0.877*THCa)

Result Views

Table Pie Chart

Total CBD:
27.982 mg/unit
(CBD+0.877*CBDA)

Total Cannabinoids:
36.771 mg/unit

Total CBG: 0.544 mg/unit
Total CBG (CBG+0.877*CBGa)

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

Total CBC: 1.207 mg/unit
Total CBC (CBC+0.877*CBCa)

Total CBDV: <LOQ
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)	Measurement Uncertainty (mg/g)	Result (mg/g)	Result (%)
Cannabidiol (CBD)	0.004 / 0.011	±0.0602	1.614	0.1614
Δ^9 Tetrahydrocannabinol (Δ^9 THC)	0.002 / 0.014	±0.0227	0.414	0.0414
Cannabichromene (CBC)	0.003 / 0.010	±0.0023	0.071	0.0071
Cannabidiolic Acid (CBDa)	0.001 / 0.026	±0.0011	0.037	0.0037
Cannabigerol (CBG)	0.002 / 0.006	±0.0016	0.032	0.0032
Cannabidivarin (CBDV)	0.002 / 0.012	N/A	<LOQ	<LOQ
Cannabinol (CBN)	0.001 / 0.007	N/A	<LOQ	<LOQ
Δ^8 Tetrahydrocannabinol (Δ^8 THC)	0.01 / 0.02	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
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	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			2.168	0.2168%

SUM OF CANNABINOIDS

mg/g

36.856

Unit Mass: 17 GRAMS / Serving Size: 17 GRAMS

Δ⁹-THC per Unit	7.038 mg/unit
Δ⁹-THC per Serving	7.038 mg/serving
Total THC per Unit	7.038 mg/unit
Total THC Per Serving	7.038 mg/serving
CBD per Unit	27.438 mg/unit
CBD per Serving	27.438 mg/serving
Total CBD per Unit	27.982 mg/unit
Total CBD per Serving	27.982 mg/serving
Sum of Cannabinoids per Unit	36.856 mg/unit
Sum of Cannabinoids per Serving	36.856 mg/serving
Total Cannabinoids per Unit	36.771 mg/unit
Total Cannabinoids per Serving	36.771 mg/serving

Notes

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COA Notes:

CoA amended Update: Order Details-Unit Mass

COA ID: 220406R004-002

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: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.