

CERTIFICATE OF ANALYSIS
| HEMP QUALITY ASSURANCE TEST

Sample Name:

ECOGELS

Infused, Solid Edible

Date Issued:

12/10/2022



(<https://sclaboratories.s3.amazonaws.com>)

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Serving Size:

0.625 grams

Sample Details

Sample ID: 221205P025

Batch Number: 2GEL1110104

Batch Size:

Date Collected: 12/05/2022

Date Received: 12/05/2022

[Show Less](#)

Cultivator / Manufacturer

Business Name:

License Number:

Address:

[Hide Details](#)

Distributor / Tested For

Business Name: Eco Sciences

License Number:

Address: *****

Newport Beach CA 92663

[See all samples \(/eco-sciences/\)](#)

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Cannabinoid Analysis - Summary

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Total THC: **0.864 mg/g**

Total CBD: **39.984 mg/g**

Sum of Cannabinoids: **44.239 mg/g**

Total Cannabinoids: **44.239 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? ▼

Safety Analysis - Summary

[View Full Results](#)

Δ^9 -THC per Serving: **Pass**

View Complete Test Results:

[Expand 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:

0.864 mg/g

(Δ^9 -THC+0.877*THCa)

Total CBD:

39.984 mg/g

(CBD+0.877*CBDa)

Total Cannabinoids: ?

44.239 mg/g

Total CBG: 1.685 mg/g

Total CBG (CBG+0.877*CBGa)

Total THCV: ND

Total THCV (THCV+0.877*THCVa)

Total CBC: 0.922 mg/g

Total CBC (CBC+0.877*CBCa)

Total CBDV: 0.569 mg/g

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 | 12/10/2022

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)	Resu (%)
Cannabidiol (CBD)	0.004 / 0.011	±1.4914	39.984	3.998
Cannabigerol (CBG)	0.002 / 0.006	±0.0817	1.685	0.168
Cannabichromene (CBC)	0.003 / 0.010	±0.0297	0.922	0.092
Δ 9 Tetrahydrocannabinol (Δ 9THC)	0.002 / 0.014	±0.0474	0.864	0.086
Cannabidivarin (CBDV)	0.002 / 0.012	±0.0232	0.569	0.056
Cannabinol (CBN)	0.001 / 0.007	±0.0048	0.166	0.016
Cannabicyclol (CBL)	0.003 / 0.010	±0.0018	0.049	0.004
Δ 8 Tetrahydrocannabinol (Δ 8THC)	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
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	ND	ND
SUM OF CANNABINOIDS			44.239 mg/g	4.423%

Compound	LOD/LOQ (mg/g) [?]	Measurement Uncertainty (mg/g) [?]	Result (mg/g)	Result (%)
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	ND	ND
Cannabigerolic Acid (CBGa)	0.002 / 0.007	N/A	ND	ND
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			44.239 mg/g	4.423%

Serving Size: 0.625 GRAMS

Swipe left on table to see additional columns

Δ⁹-THC per Serving	11 per-serving limit	0.540 mg/serving	Pass
Total THC Per Serving		0.540 mg/serving	
CBD per Serving		24.990 mg/serving	
Total CBD per Serving		24.990 mg/serving	
Sum of Cannabinoids per Serving		27.649 mg/serving	

Total Cannabinoids per Serving

27.650 mg/serving

COA ID: 221205P025-001

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.

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

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