CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST

Erth

Sample Name:

Watermelon Gummies - 10mg

Infused, Non-Inhalable

Date Issued:

04/19/2022

.com/sample_photos/220416S005.jpg)

Serving Size:

3.5 grams

Sample Details

Sample ID: 220416S005

Batch Number:
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Cultivator / Manufacturer

Show Details

Distributor / Tested For

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Cannabinoid Analysis - Summary

View Full Results

Total THC: **203.910 mg/unit**

Total CBD: **0.840 mg/unit**

Sum of Cannabinoids: **218.540 mg/unit**

Total Cannabinoids: **218.540 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?

Safety Analysis - Summary

View Full Results

Δ^9-THC per Unit: **Pass**

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

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

Total Cannabinoids:
218.540 mg/unit

Total CBG: 8.120 mg/unit
Total CBG (CBG+0.877*CBGa)

Total THCV: 1.680 mg/unit
Total THCV (THCV+0.877*THCVa)

Total CBC: <LOQ
Total CBC (CBC+0.877*CBCa)

Total CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

Cannabinoid Test Results | 04/18/2022

Result Views

Table Pie Chart

Filter by:

Compound	LOD/LOQ (mg/g)	Measurement Uncertainty (mg/g)	Result (mg/g)	Result (%)
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	±0.1599	**2.913**	**0.2913**
Cannabigerol (CBG)	0.002 / 0.006	±0.0056	**0.116**	**0.0116**
Cannabinol (CBN)	0.001 / 0.007	±0.0016	**0.057**	**0.0057**
Tetrahydrocannabivarin (THCV)	0.002 / 0.012	±0.0012	**0.024**	**0.0024**
Cannabidiol (CBD)	0.004 / 0.011	±0.0004	**0.012**	**0.0012**
Cannabichromene (CBC)	0.003 / 0.010	N/A	**<LOQ**	**<LOQ**
∆8 Tetrahydrocannabinol (Δ8THC)	0.01 / 0.02	N/A	**ND**	**ND**
Tetrahydrocannabinolic Acid (THCa)	0.001 / 0.005	N/A	**ND**	**ND**
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	N/A	**ND**	**ND**
SUM OF CANNABINOIDS			**3.122 mg/g**	**0.3122%**

Compound	LOD/LOQ (mg/g)	Measurement Uncertainty (mg/g)	Result (mg/g)	Result (%)
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	**ND**	**ND**
Cannabidivarin (CBDV)	0.002 / 0.012	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			**3.122 mg/g**	**0.3122%**

Unit Mass: 70 GRAMS / Serving Size: 3.5 GRAMS

Δ^9-THC per Unit	1100 per-package limit	**203.910 mg/unit**	**Pass**
Δ^9-THC per Serving		**10.196 mg/serving**	
Total THC per Unit		**203.910 mg/unit**	

Total THC Per Serving	**10.196 mg/serving**
CBD per Unit	**0.840 mg/unit**
CBD per Serving	**0.042 mg/serving**
Total CBD per Unit	**0.840 mg/unit**
Total CBD per Serving	**0.042 mg/serving**
Sum of Cannabinoids per Unit	**218.540 mg/unit**
Sum of Cannabinoids per Serving	**10.927 mg/serving**
Total Cannabinoids per Unit	**218.540 mg/unit**
Total Cannabinoids per Serving	**10.928 mg/serving**

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.

Notes

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COA Notes:

CoA amended Update: Order Details

COA ID: 220416S005-002

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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)

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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