

CERTIFICATE OF ANALYSIS | HEMP QUALITY ASSURANCE TEST



Sample Name:

**Erth Wellness – Full
Spectrum Gummies**

Infused, Hemp

Date Issued:

10/24/2022



...com/sample_photos/221021S005.jpg)

Serving Size:

3.8 grams

Sample Details

Sample ID: 221021S005

Batch Number:

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Cultivator / Manufacturer

[Show Details](#)

Distributor / Tested For

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Cannabinoid Analysis - Summary

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Total THC: **1.953 mg/unit**

Total CBD: **29.374 mg/unit**

Sum of Cannabinoids: **36.10 mg/unit**

Total Cannabinoids: **36.12 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 = $\Delta^9\text{-THC} + (\text{THCa} (0.877))$

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

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

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

Total THC:

1.953 mg/unit

(Δ^9 -THC+0.877*THCa)

Total CBD:

29.374 mg/unit

(CBD+0.877*CBDa)

Total Cannabinoids: ?

36.12 mg/unit

Total CBG: 2.846 mg/unit

Total CBG (CBG+0.877*CBGa)

Total THCv: ND

Total THCv (THCv+0.877*THCvA)

Total CBC: ND

Total CBC (CBC+0.877*CBCa)

Total CBDV: 0.091 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

Cannabinoid Test Results | 10/24/2022

Result Views

Table

Pie Chart

Filter by:

Compound	LOD/LOQ (mg/g) ⓘ	Measurement Uncertainty (mg/g) ⓘ	Result (mg/g)	Result (%)
Cannabidiol (CBD)	0.004 / 0.011	±0.2883	7.730	0.7730
Cannabigerol (CBG)	0.002 / 0.006	±0.0363	0.749	0.0749
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	±0.0282	0.514	0.0514
Cannabinol (CBN)	0.001 / 0.007	±0.0129	0.448	0.0448
Δ8 Tetrahydrocannabinol (Δ8THC)	0.01 / 0.02	±0.002	0.04	0.004
Cannabidivarin (CBDV)	0.002 / 0.012	±0.0010	0.024	0.0024
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
SUM OF CANNABINOIDS			9.50 mg/g	0.95%

Compound	LOD/LOQ (mg/g) [?]	Measurement Uncertainty (mg/g) [?]	Result (mg/g)	Result (%)
Cannabidiolic Acid (CBDa)	0.001 / 0.026	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
Cannabichromene (CBC)	0.003 / 0.010	N/A	ND	ND
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			9.50 mg/g	0.95%

Unit Mass: 3.8 GRAMS / Serving Size: 3.8 GRAMS

Δ⁹-THC per Unit

1.953 mg/unit

Δ⁹-THC per Serving

1.953 mg/serving

Total THC per Unit

1.953 mg/unit

Total THC Per Serving	1.953 mg/serving
CBD per Unit	29.374 mg/unit
CBD per Serving	29.374 mg/serving
Total CBD per Unit	29.374 mg/unit
Total CBD per Serving	29.374 mg/serving
Sum of Cannabinoids per Unit	36.10 mg/unit
Sum of Cannabinoids per Serving	36.10 mg/serving
Total Cannabinoids per Unit	36.12 mg/unit
Total Cannabinoids per Serving	36.12 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 ID: 221021S005-002

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.

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

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