

**CERTIFICATE OF ANALYSIS** | HEMP QUALITY ASSURANCE TEST



Sample Name:

**Erth Wellness – CBN  
Gummies**

Infused, Hemp Infused

Date Issued:

**10/19/2022**



s.com/sample\_photos/221017P081\_1.jpg)

Serving Size:

**3.7 grams**

## Sample Details

Sample ID: 221017P081

Batch Number:

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Cultivator / Manufacturer

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Distributor / Tested For

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Cannabinoid Analysis - Summary

[View Full Results](#)

Total THC: **Not Detected**

Total CBD: **Not Detected**

Sum of Cannabinoids: **18.034 mg/unit**

Total Cannabinoids: **18.034 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:

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

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

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

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

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

View Complete Test Results:

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Cannabinoid Analysis **Tested**

[Show Less](#)

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

Summary

Total THC:

**Not Detected**

( $\Delta^9$ -THC+0.877\*THCa)

Total CBD:

**Not Detected**

(CBD+0.877\*CBDa)

Total Cannabinoids: ?

**18.034 mg/unit**

Total CBG: ND

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: ND

Total CBDV (CBDV+0.877\* CBDV<sub>a</sub>)

# Cannabinoid Test Results | 10/18/2022

## Result Views

Table

Pie Chart

Filter by:

Compound	LOD/LOQ (mg/g) <sup>Ⓜ</sup>	Measurement Uncertainty (mg/g) <sup>Ⓜ</sup>	Result (mg/g)	Result (%)
Cannabinol (CBN)	0.001 / 0.007	±0.1399	4.874	0.4874
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	N/A	ND	ND
Δ8 Tetrahydrocannabinol (Δ8THC)	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
Cannabidiol (CBD)	0.004 / 0.011	N/A	ND	ND
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	ND	ND
Cannabidivarin (CBDV)	0.002 / 0.012	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>4.874 mg/g</b>	<b>0.4874%</b>

Compound	LOD/LOQ (mg/g) <sup>Ⓜ</sup>	Measurement Uncertainty (mg/g) <sup>Ⓜ</sup>	Result (mg/g)	Result (%)
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	ND	ND
Cannabigerol (CBG)	0.002 / 0.006	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
<b>SUM OF CANNABINOIDS</b>			<b>4.874 mg/g</b>	<b>0.4874%</b>

Unit Mass: 3.7 GRAMS / Serving Size: 3.7 GRAMS

<b>Δ<sup>9</sup>-THC per Unit</b>	<b>ND</b>
<b>Δ<sup>9</sup>-THC per Serving</b>	<b>ND</b>
<b>Total THC per Unit</b>	<b>ND</b>

<b>Total THC Per Serving</b>	<b>ND</b>
<b>CBD per Unit</b>	<b>ND</b>
<b>CBD per Serving</b>	<b>ND</b>
<b>Total CBD per Unit</b>	<b>ND</b>
<b>Total CBD per Serving</b>	<b>ND</b>
<b>Sum of Cannabinoids per Unit</b>	<b>18.034 mg/unit</b>
<b>Sum of Cannabinoids per Serving</b>	<b>18.034 mg/serving</b>
<b>Total Cannabinoids per Unit</b>	<b>18.034 mg/unit</b>
<b>Total Cannabinoids per Serving</b>	<b>18.034 mg/serving</b>

## 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: 221017P081-002

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**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.

**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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