

SAMPLE NAME: Erth Wellness - Sleep Softgels

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Erth, LLC

License Number:

Address:

CA

SAMPLE DETAIL

Batch Number:

Sample ID: 220803R005

Date Collected: 08/03/2022

Date Received: 08/03/2022

Batch Size:

Sample Size: 30.0 units

Unit Mass: 21.6337 grams per Unit

Serving Size: 0.7211 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **2.207 mg/unit**

Total CBD: **936.090 mg/unit**

Sum of Cannabinoids: **1133.82 mg/unit**

Total Cannabinoids: **1133.75 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 = $\Delta^9\text{-THC} + (\text{THCa} \times 0.877)$

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

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

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **8.9333%**



Myrcene 30.843 mg/g



β -Caryophyllene 30.443 mg/g



Linalool 27.161 mg/g

SAFETY ANALYSIS - SUMMARY

Δ^9 -THC per Unit: **PASS**

Δ^9 -THC per Serving: **PASS**

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 16 Effect Date January 16, 2019. Authority: Section 26013, 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)

LQC verified by: *Carmen Stackhouse* Approved by: *Josh Wurzer*, President
Date: 08/06/2022 Date: 08/06/2022



Cannabinoid Analysis

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

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

TOTAL THC: 2.207 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 936.090 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1133.75 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 3.094 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 9.302 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 5.538 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/05/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 1.6140	43.270	4.3270
CBN	0.001 / 0.007	± 0.2339	8.149	0.8149
CBC	0.003 / 0.010	± 0.0138	0.430	0.0430
CBDV	0.002 / 0.012	± 0.0104	0.256	0.0256
CBG	0.002 / 0.006	± 0.0069	0.143	0.0143
Δ^9 -THC	0.002 / 0.014	± 0.0056	0.102	0.0102
CBL	0.003 / 0.010	± 0.0014	0.037	0.0037
Δ^8 -THC	0.01 / 0.02	± 0.001	0.02	0.002
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			52.41 mg/g	5.241%

Unit Mass: 21.6337 grams per Unit / Serving Size: 0.7211 grams per Serving

Δ^9 -THC per Unit	110 per-package limit	2.207 mg/unit	PASS
Δ^9 -THC per Serving		0.074 mg/serving	PASS
Total THC per Unit		2.207 mg/unit	
Total THC per Serving		0.074 mg/serving	
CBD per Unit		936.090 mg/unit	
CBD per Serving		31.202 mg/serving	
Total CBD per Unit		936.090 mg/unit	
Total CBD per Serving		31.202 mg/serving	
Sum of Cannabinoids per Unit		1133.82 mg/unit	
Sum of Cannabinoids per Serving		37.79 mg/serving	
Total Cannabinoids per Unit		1133.75 mg/unit	
Total Cannabinoids per Serving		37.79 mg/serving	



Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

TERPENOID TEST RESULTS - 08/05/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.008 / 0.025	±0.3084	30.843	3.0843
β-Caryophyllene	0.004 / 0.012	±0.8433	30.443	3.0443
Linalool	0.009 / 0.032	±0.8040	27.161	2.7161
Δ ³ -Carene	0.005 / 0.018	±0.0034	0.303	0.0303
Limonene	0.005 / 0.016	±0.0018	0.158	0.0158
α-Humulene	0.009 / 0.029	±0.0026	0.104	0.0104
Caryophyllene Oxide	0.010 / 0.033	±0.0025	0.069	0.0069
Terpinolene	0.008 / 0.026	±0.0010	0.064	0.0064
α-Bisabolol	0.008 / 0.026	±0.0025	0.060	0.0060
α-Terpinene	0.005 / 0.017	±0.0006	0.049	0.0049
α-Cedrene	0.005 / 0.016	±0.0010	0.041	0.0041
Sabinene Hydrate	0.006 / 0.022	±0.0011	0.038	0.0038
Fenchol	0.010 / 0.034	N/A	<LOQ	<LOQ
Guaiol	0.009 / 0.030	N/A	<LOQ	<LOQ
α-Pinene	0.005 / 0.017	N/A	ND	ND
Camphene	0.005 / 0.015	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
β-Pinene	0.004 / 0.014	N/A	ND	ND
α-Phellandrene	0.006 / 0.020	N/A	ND	ND
p-Cymene	0.005 / 0.016	N/A	ND	ND
Eucalyptol	0.006 / 0.018	N/A	ND	ND
β-Ocimene	0.006 / 0.020	N/A	ND	ND
γ-Terpinene	0.006 / 0.018	N/A	ND	ND
Fenchone	0.009 / 0.028	N/A	ND	ND
Isopulegol	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.019	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Borneol	0.005 / 0.016	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Terpineol	0.009 / 0.031	N/A	ND	ND
Nerol	0.003 / 0.011	N/A	ND	ND
Citronellol	0.003 / 0.010	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
trans-β-Farnesene	0.008 / 0.025	N/A	ND	ND
Valencene	0.009 / 0.030	N/A	ND	ND
Nerolidol	0.006 / 0.019	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			89.333 mg/g	8.9333%

1 Myrcene

A monoterpene with a fragrance that can be described as peppery, spicy, herbal, floral and woody. Although it has a pleasant odor, it is typically used by the perfume industry as precursor for developing other fragrances. Found in hops, houttuynia, bay, thyme, lemon grass, mango, verbena, cardamom, citrus...etc.

2 β-Caryophyllene

A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

3 Linalool

A monoterpene alcohol with a fragrance that can be described as spicy, waxy, citrus and floral. It is commonly used as an insecticide against cockroaches, flies, fleas and other insects. Found in basil, lavender, cinnamon, hops, mugwort, goldenrods...etc.