

SAMPLE NAME: 1500mg Whole Help Softgels

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Erth, LLC

License Number:

Address:
CA



SAMPLE DETAIL

Batch Number:

Sample ID: 220520S004

Date Collected: 05/20/2022

Date Received: 05/20/2022

Batch Size:

Sample Size: 1.0 units

Unit Mass: 38.283 grams per Unit

Serving Size: 1.2761 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 65.273 mg/unit

Total CBD: 1269.809 mg/unit

Sum of Cannabinoids: 1436.761 mg/unit

Total Cannabinoids: 1436.762 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

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 0.1828%



SAFETY ANALYSIS - SUMMARY

Δ^9 -THC per Unit: ✔ 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)

Yasmin
 LQC verified by: Yasmin Kakkar
 Date: 05/23/2022

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 05/23/2022



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: 65.273 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1269.809 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1436.762 mg/unit

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

TOTAL CBG: 31.928 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 2.297 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 48.505 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 12.480 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/23/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.2372	33.169	3.3169
Δ^9 -THC	0.002 / 0.014	±0.0936	1.705	0.1705
CBC	0.003 / 0.010	±0.0408	1.267	0.1267
CBG	0.002 / 0.006	±0.0404	0.834	0.0834
CBDV	0.002 / 0.012	±0.0133	0.326	0.0326
CBL	0.003 / 0.010	±0.0038	0.103	0.0103
CBN	0.001 / 0.007	±0.0019	0.066	0.0066
THCV	0.002 / 0.012	±0.0029	0.060	0.0060
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	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			37.530 mg/g	3.753%

Unit Mass: 38.283 grams per Unit / Serving Size: 1.2761 grams per Serving

Δ^9 -THC per Unit	1100 per-package limit	65.273 mg/unit	PASS
Δ^9 -THC per Serving		2.176 mg/serving	
Total THC per Unit		65.273 mg/unit	
Total THC per Serving		2.176 mg/serving	
CBD per Unit		1269.809 mg/unit	
CBD per Serving		42.327 mg/serving	
Total CBD per Unit		1269.809 mg/unit	
Total CBD per Serving		42.327 mg/serving	
Sum of Cannabinoids per Unit		1436.761 mg/unit	
Sum of Cannabinoids per Serving		47.892 mg/serving	
Total Cannabinoids per Unit		1436.762 mg/unit	
Total Cannabinoids per Serving		47.892 mg/serving	



Terpenoid Analysis

TERPENOID TEST RESULTS - 05/22/2022

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

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

1 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.

2 α-Bisabolol
 A sesquiterpene alcohol with a fragrance that can be described as floral, peppery, sweet and clean. Found in chamomile, figwort, yarrow, skullcaps, lavender, ironwort, germander...etc.

3 α-Humulene
 Also known as α-caryophyllene, it is an isomer of the sesquiterpene β-Caryophyllene which frequently occurs in nature with many aromatic plants across the globe. It has a fragrance that can be described as earthy or musky with spicy undertones. Found in hops, forskohlii, skullcaps, basil, nutmeg, cloves, sage, cotton, tamarind, black pepper, guava, Scotch pine...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.004 / 0.012	±0.0196	0.709	0.0709
α-Bisabolol	0.008 / 0.026	±0.0190	0.458	0.0458
α-Humulene	0.009 / 0.029	±0.0063	0.252	0.0252
Caryophyllene Oxide	0.010 / 0.033	±0.0078	0.217	0.0217
Guaiol	0.009 / 0.030	±0.0032	0.086	0.0086
trans-β-Farnesene	0.008 / 0.025	±0.0021	0.077	0.0077
Nerolidol	0.006 / 0.019	±0.0014	0.029	0.0029
Myrcene	0.008 / 0.025	N/A	<LOQ	<LOQ
Linalool	0.009 / 0.032	N/A	<LOQ	<LOQ
Fenchol	0.010 / 0.034	N/A	<LOQ	<LOQ
Borneol	0.005 / 0.016	N/A	<LOQ	<LOQ
Terpineol	0.009 / 0.031	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
Δ ³ -Carene	0.005 / 0.018	N/A	ND	ND
α-Terpinene	0.005 / 0.017	N/A	ND	ND
p-Cymene	0.005 / 0.016	N/A	ND	ND
Limonene	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
Sabinene Hydrate	0.006 / 0.022	N/A	ND	ND
Fenchone	0.009 / 0.028	N/A	ND	ND
Terpinolene	0.008 / 0.026	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
Menthol	0.008 / 0.025	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
α-Cedrene	0.005 / 0.016	N/A	ND	ND
Valencene	0.009 / 0.030	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENOIDS			1.828 mg/g	0.1828%