

HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS

Hemp Analysis - Summary

Tested by high-performance liquid chromatography with ultraviolet detection (HPLC-UV).

TOTAL THC¹

0.2489%²

CANNABINOID PROFILE

8.760% Total CBD¹

9.4808% Total Cannabinoids³

Terpenes Not Tested



1) Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step: Total THC = $\Delta 9\text{THC} + (\text{THCa} (0.877))$ and Total CBD = $\text{CBD} + (\text{CBDa} (0.877))$.

2) As defined by the 2018 Farm Bill, hemp must contain no more than 0.3% Total THC, defined as the concentration of delta-9 tetrahydrocannabinol ($\Delta 9\text{-THC}$) post-decarboxylation - see formula above.

3) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

Additional Testing

Pass/Fail defined at action limits set by California Code of Regulations Title 16. Effective date: July 15, 2020
Section 26013, Business Professions Code. Reference: Sections 26100, 26104, and 26110, Business Professions Code.

2500 mg full spectrum tincture

Tested for:

Address:

Batch #:



2003002



Sample ID:

200131L004

Final Approval


Josh Wurzer, President

HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS

Sample Name: 2500 mg full spectrum tincture

LIMS Sample ID: 200131L004

Batch #: 2003002

Source METRC UID:



Sample Type: Other

Batch Weight:

Sample Weight: 10 Gram(s)

Unit Volume: 30 Milliliters per Unit

Serving Mass:

Density: 0.9374 g/mL

Tested for:

License #:

Address:

Produced by:

License #:

Address:



Moisture Test Results

Moisture	Results (%)
	NT

Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/mL	%	LOD / LOQ mg/mL
Δ9THC	2.333	0.2489	0.0009 / 0.003
Δ8THC	ND	ND	0.0009 / 0.003
THCa	ND	ND	0.0009 / 0.003
THCV	ND	ND	0.0004 / 0.001
THCVa	ND	ND	0.0013 / 0.004
CBD	78.742	8.4000	0.0009 / 0.003
CBDa	3.847	0.4104	0.0009 / 0.003
CBDV	0.348	0.0371	0.0004 / 0.001
CBDVa	0.022	0.0023	0.0003 / 0.001
CBG	0.625	0.0667	0.001 / 0.003
CBGa	0.011	0.0012	0.0008 / 0.002
CBL	0.120	0.0128	0.0021 / 0.006
CBN	0.197	0.0210	0.0009 / 0.003
CBC	2.571	0.2743	0.0011 / 0.003
CBCa	0.057	0.0061	0.0015 / 0.005

Sum of Cannabinoids:	88.873	9.4808	2666.190 mg/Unit
Total THC (Δ9THC+0.877*THCa)	2.333	0.2489	69.990 mg/Unit
Total CBD (CBD+0.877*CBDa)	82.116	8.760	2463.480 mg/Unit

Δ9THC per Unit
Δ9THC per Serving

Action Limit mg

69.990 mg/Unit

Batch Photo



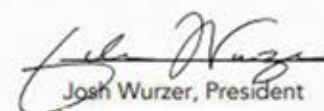
Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD / LOQ mg/g
α-Bisabolol	NT		
β-Bisabolol	NT		
β-Caryophyllene	NT		
Bornesol	NT		
β-Caryophyllene	NT		
Terpinolene	NT		
α-Humulene	NT		
Terpinolene	NT		
Valencene	NT		
Menthhol	NT		
Neopentol	NT		
Camphor	NT		
Eucalyptol	NT		
α-Cadinene	NT		
Camphor	NT		
γ-Terpinene	NT		
γ-Terpinene	NT		
α-Terpinene	NT		
Linalool	NT		
Limonene	NT		
Mycene	NT		
Fenchol	NT		
α-Phellandrene	NT		
Caryophyllene Oxide	NT		
Terpinolene	NT		
β-Pinene	NT		
β-(+)-Pulegone	NT		
Geranyl Acetate	NT		
Citronellol	NT		
p-Cymene	NT		
Octimene	NT		
Octal	NT		
Phenol	NT		
Isobornol	NT		
Total Terpene Concentration:	NT		

Sample Certification

California Code of Regulations Title 16 Effect Date July 15, 2020
Authority: Section 26013, Business and Professions Code.
104 and 26110, Business and Professions Code.


Josh Wurzer, President