HEMP LABORATORY TEST

CERTIFICATE OF ANALYSIS



Hemp Analysis - Summary

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

TOTAL THC1

2.460%²

CANNABINOID PROFILE

65.8639% Total CBD¹ **72.1798**% Total Cannabinoids³ **Terpenes** Not Tested





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- 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 = Δ 9THC + (THCa (0.877)) and Total CBD = CBD + (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 (Δ-9-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: January 16, 2019. Authority: Section 26013, Business Professions Code. Reference: Sections 26100, 26104, and 26110, Business Professions Code.

CR200303

Tested for: New York Hemp Oil Sample ID:

Address: Date Collected: 03/09/2020

Date Received: 03/09/2020

Batch #:

Final Approval

Michael Pham, LQC Verified By

Date: 03/10/2020

Josh Wurzer, President Date: 03/10/2020 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. The uncertainty of measurement associated with the measurement result reported in this certificate is available from SC Laboratories upon request.

200309T001



SC Laboratories, LLC 100 Pioneer Street, Suite E Santa Cruz, CA 95060 (866) 435-0709 | sclabs.com

Sample Name: CR200303

LIMS Sample ID: 200309T001

Batch #:

Source METRC UID:

Sample Type: Concentrate, Product Inhalable

Batch Count: Sample Count: Unit Mass: Serving Mass:

Density:

Moisture Test Results

Cannabinoid T	est Results	03/10/2020
Moisture		

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

Results (%)

(111 LC, Q31 3-4-	- /	mg/g	%	LOD / LOQ mg/g
Δ9THC		24.600	2.4600	0.052 / 0.158
Δ8ΤΗС		ND	ND	0.053 / 0.162
THCa		ND	ND	0.052 / 0.156
THCV		ND	ND	0.023 / 0.069
THCVa		ND	ND	0.091 / 0 <mark>.2</mark> 76
CBD		655.768	65.5768	0.052 / 0.158
CBDa		3.274	0.3274	0.052 / 0.156
CBDV		4.466	0.4466	0.021 / 0.063
CBDVa		ND	ND	0.037 / 0.111
CBG		9.775	0.9775	0.03 / 0.092
CBGa		ND	ND	0.044 / 0.133
CBL		ND	ND	0.13 / 0.393
CBN		ND	ND	0.052 / 0.157
CBC		23.915	2.3915	0.031 / 0.094
CBCa		ND	ND	0.129 / 0.392
Sum of Cannabi	noids:	721.798	72.1798	
Total THC (Δ9TH	C+0.877*THCa)	24.600	2.460	
Total CBD (CBD-		658.639	65.8639	

Action Limit mg

Δ9THC per Unit Δ9THC per Serving

Batch Photo



Date Collected: 03/09/2020 Date Received: 03/09/2020

Tested for: New York Hemp Oil

Address: Produced by:

License #:

License #:

Address:

Terpene Test Results

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

,	mg/g	%	LOD / LOQ mg/g
	NT		
Valencene	NT		
Menthol	NT		
Nerolidol	NT		
	NT		
Myrcene	NT		
Fenchol	NT		
	NT		
R-(+)-Pulegone			
Geranyl Acetate			
Citronellol			
Phytol			

Sample Certification

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Michael Pham, LQC Verified By Date: 03/10/2020

Josh Wurzer, President Date: 03/10/2020

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Batch Count: Sample Count: Unit Mass: Serving Mass: Density:

Pesticide Test Results

Pesticide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

spectrometry and dc-iviass.	Results (µg/g)	Action Limit µg/g	LOD / LOQ μg/g
	NT	Action Linit pg/g	LOD / LOQ µg/g
	NT		
Hexythiazox			
Kresoxim-methyl			
Malathion			
Methomyl			
Myclobutanil			
Naled			
	NT		
Phosmet	NT		
	NT		
Spirotetramat	NT		
	NT		
	NT		
	NT		

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Tested for: New York Hemp Oil

Address:

Produced by:

License #:

License #: Address:

Pesticide Test Results

Pesticide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

Results (μg/g) Action Limit μg/g LOD / LOQ μg/g
Aldicarb
NT
Carbofuran
NT
Chlordane
NT
Chlorfenapyr
NT
Chlorpyrifos
NT
Coumaphos
NT
Daminozide
NT
Daminozide
NT
Dimethoate
NT
Ethoprop(hos)
NT
Etofenprox
NT
Fipronil
Imazalil
NT
Methyl parathion
Mevinphos
NT
Propoxur
Propoxur
NT

Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

Results (ug/kg) Action Limit

Results (μg/kg) Action Limit μg/kg LOD / LOQ μg/kg

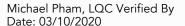
Aflatoxin B1, B2, G1, G2 Ochratoxin A NT

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Josh Wurzer, President Date: 03/10/2020

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LIMS Sample ID: 200309T001

Batch #:

Source METRC UID:

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

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Tested for:	New York Hemp Oil
License #:	
Address:	
Produced by:	
License #:	
Address:	

Residual Solvent Test Results

Density:

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

Spectrometry (GC - IVIS)	Results (µg/g)	Action Limit µg/g	100 / 100/-
1,2-Dichloroethane	Results (μg/g)	Action Limit µg/g	LOD / LOQ µg/g
Methylene chloride			
Toluene			

Water Activity Test Results

	Results (Aw)	Action Limit Aw
Water Activity		

Heavy Metal Test Results

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Results (μg/g) Action Limit μg/g LOD / LOQ μg/g
admium NT
NT
NT
rsenic NT

Note

Action Limit

Microbiological Test Results

PCR and fluorescence detection of microbiological impurities

	Results
Shiga toxin-producing Escherichia coli	NT
Aspergillus fumigatus	

3M Petrifilm and plate counts for microbiological contamination

Aerobic Plate Count	NT
Total Yeast and Mold	NT

Foreign Material Test Results

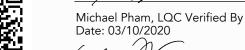
NT

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Josh Wurzer, President Date: 03/10/2020