

# HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS



## Hemp Analysis - Summary

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

### TOTAL THC<sup>1</sup>

**0.2572%<sup>2</sup>**

### CANNABINOID PROFILE

**87.1169%** Total CBD<sup>1</sup>

**88.5149%** Total Cannabinoids<sup>3</sup>

**Terpenes** Not Tested



Scan to verify  
at sclabs.com

- 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: January 16, 2019. Authority: Section 26013, Business Professions Code. Reference: Sections 26100, 26104, and 26110, Business Professions Code.

### RESIDUAL PESTICIDES

**PASSED**

### RESIDUAL SOLVENTS

**PASSED**

### HEAVY METALS

**PASSED**

## PTX - BROAD SPECTRUM DISTILLATE #2

**Tested for:** Kush Supply Co., LLC

**Address:** 6261 Katella Ave, Ste 250 Cypress  
CA 90630


**Batch #:** KSC-000075


**Sample ID:** 200401Q001

**Date Collected:** 04/01/2020

**Date Received:** 04/01/2020

## Final Approval

  
Josh Antunovich, LQC Verified By  
Date: 04/03/2020

  
Josh Wurzer, President  
Date: 04/03/2020

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.



# HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS

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

Sample Name: PTX - BROAD SPECTRUM DISTILLATE #2

LIMS Sample ID: 200401Q001

Batch #: KSC-000075

Source METRC UID:

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

Density:

Date Collected: 04/01/2020

Date Received: 04/01/2020

Tested for: Kush Supply Co., LLC

License #:

Address: 6261 Katella Ave, Ste 250 Cypress CA 90630

Produced by:

License #:

Address:

## Moisture Test Results

	Results (%)
Moisture	NT

## Cannabinoid Test Results

04/02/2020

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

	mg/g	%	LOD / LOQ mg/g
Δ9THC	2.572	0.2572	0.052 / 0.158
Δ8THC	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 / 0.276
CBD	87.1169	87.1169	0.052 / 0.158
CBDa	ND	ND	0.052 / 0.156
CBDV	3.305	0.3305	0.021 / 0.063
CBDVa	ND	ND	0.037 / 0.111
CBG	6.795	0.6795	0.03 / 0.092
CBGa	ND	ND	0.044 / 0.133
CBL	ND	ND	0.13 / 0.393
CBN	0.703	0.0703	0.052 / 0.157
CBC	0.605	0.0605	0.031 / 0.094
CBCa	ND	ND	0.129 / 0.392

**Sum of Cannabinoids: 885.149 88.5149**

Total THC (Δ9THC+0.877\*THCa) 2.572 0.2572  
Total CBD (CBD+0.877\*CBDa) 87.1169 87.1169

Action Limit mg

Δ9THC per Unit  
Δ9THC per Serving

## Batch Photo



## Terpene Test Results

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

	mg/g	%	LOD / LOQ mg/g
□ Bisabolol	NT		
□ Pinene	NT		
3 Carene	NT		
Borneol	NT		
□ Caryophyllene	NT		
Geraniol	NT		
□ Humulene	NT		
Terpinolene	NT		
Valencene	NT		
Menthol	NT		
Nerolidol	NT		
Camphene	NT		
Eucalyptol	NT		
□ Cedrene	NT		
Camphor	NT		
(-)-Isopulegol	NT		
Sabinene	NT		
□ Terpinene	NT		
□ Terpinene	NT		
Linalool	NT		
Limonene	NT		
Myrcene	NT		
Fenchol	NT		
□ Phellandrene	NT		
Caryophyllene Oxide	NT		
Terpineol	NT		
□ Pinene	NT		
R-(+)-Pulegone	NT		
Geranyl Acetate	NT		
Citronellol	NT		
p-Cymene	NT		
Ocimene	NT		
Guaiol	NT		
Phytol	NT		
Isoborneol	NT		

Total Terpene Concentration: NT

## Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019  
Authority: Section 26013, Business and Professions Code  
Reference: Sections 26100, 26104



Scan to verify at sclabs.com  
Sample must be marked as public to be viewable

Josh Antunovich, LQC Verified By  
Date: 04/03/2020

Josh Wurzer, President  
Date: 04/03/2020



# HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS

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

Sample Name: PTX - BROAD SPECTRUM DISTILLATE #2

LIMS Sample ID: 200401Q001

Batch #: KSC-000075

Source METRC UID:

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

Density:

Date Collected: 04/01/2020

Date Received: 04/01/2020

Tested for: Kush Supply Co., LLC

License #:

Address: 6261 Katella Ave, Ste 250 Cypress CA 90630

Produced by:

License #:

Address:

## Pesticide Test Results - Pass

04/03/2020

Pesticide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry

		Results (µg/g)	Action Limit µg/g	Reporting Limit µg/g
Azoxystrobin	Pass	ND	0.1	0.047
Etoazox	Pass	ND	0.1	0.022
Abamectin	Pass	ND	0.1	0.091
Cypermethrin	Pass	ND	1.0	0.091
Imidacloprid	Pass	ND	5.0	0.050
Tebuconazole	Pass	ND	0.1	0.018
Hexythiazox	Pass	ND	0.1	0.027
Trifloxystrobin	Pass	ND	0.1	0.020
Spiromesifen	Pass	ND	0.1	0.015
Chlorpyrifos	Pass	ND	ND	0.089
Bifenazate	Pass	ND	0.1	0.035
Boscalid	Pass	ND	0.1	0.023
Propiconazole	Pass	ND	0.1	0.013
Malathion	Pass	ND	0.5	0.019
Permethrin	Pass	ND	0.5	0.082
Myclobutanil	Pass	ND	0.1	0.044
Bifenthrin	Pass	ND	3.0	0.038
Piperonylbutoxide	Pass	ND	3.0	0.020

## Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	Results (µg/kg)	Action Limit µg/kg	LOD / LOQ µg/kg
Aflatoxin B1, B2, G1, G2	NT		
Ochratoxin A	NT		

## Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019  
Authority: Section 26013, Business and Professions Code  
Reference: Sections 26100, 26104



Scan to verify at sclabs.com  
Sample must be marked as  
public to be viewable

Josh Antunovich, LQC Verified By  
Date: 04/03/2020

Josh Wurzer, President  
Date: 04/03/2020



# HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS

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

Sample Name: PTX - BROAD SPECTRUM DISTILLATE #2

LIMS Sample ID: 200401Q001

Batch #: KSC-000075

Source METRC UID:

Sample Type: Concentrate, Product Inhalable

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

Density:

Date Collected: 04/01/2020

Date Received: 04/01/2020

Tested for: Kush Supply Co., LLC

License #:

Address: 6261 Katella Ave, Ste 250 Cypress CA 90630

Produced by:

License #:

Address:

## Residual Solvent Test Results - Pass

04/03/2020

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

		Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
1,2-Dichloroethane	Pass	ND	1.0	0.111 / 0.336
Benzene	Pass	ND	1.0	0.043 / 0.132
Chloroform	Pass	ND	1.0	0.064 / 0.195
Ethylene Oxide	Pass	ND	1.0	0.136 / 0.413
Methylene chloride	Pass	ND	1.0	0.172 / 0.521
Trichloroethylene	Pass	ND	1.0	0.040 / 0.120
Acetone	Pass	56.254	5000.0	14.703 / 44.549
Acetonitrile	Pass	ND	410.0	2.727 / 8.262
Butane	Pass	ND	5000.0	5.672 / 17.185
Ethanol	Pass	ND	5000.0	11.775 / 35.679
Ethyl acetate	Pass	ND	5000.0	16.227 / 49.169
Ethyl ether	Pass	ND	5000.0	11.608 / 35.172
Heptane	Pass	ND	5000.0	12.982 / 39.336
Hexane	Pass	ND	290.0	1.816 / 5.502
Isopropyl Alcohol	Pass	64.768	5000.0	15.358 / 46.536
Methanol	Pass	537.623	3000.0	15.584 / 47.220
Pentane	Pass	276.999	5000.0	12.355 / 37.434
Propane	Pass	ND	5000.0	1.359 / 4.117
Toluene	Pass	ND	890.0	7.174 / 21.736
Total Xylenes	Pass	ND	2170.0	34.438 / 104.347

## Microbiological Test Results

PCR and fluorescence detection of microbiological impurities

	Results	Action Limit
Shiga toxin-producing Escherichia coli	NT	
Salmonella spp.	NT	
Aspergillus fumigatus	NT	
Aspergillus flavus	NT	
Aspergillus niger	NT	
Aspergillus terreus	NT	

3M Petrifilm and plate counts for microbiological contamination

	Results (cfu/g)
Aerobic Plate Count	NT
Total Yeast and Mold	NT

## Foreign Material Test Results

NT

## Water Activity Test Results

	Results (Aw)	Action Limit Aw
Water Activity	NT	

## Heavy Metal Test Results - Pass

04/02/2020

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

		Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Cadmium	Pass	ND	0.2	0.012 / 0.035
Lead	Pass	ND	0.5	0.031 / 0.095
Arsenic	Pass	ND	0.2	0.013 / 0.039
Mercury	Pass	ND	0.1	0.002 / 0.005

## Note

## Sample Certification

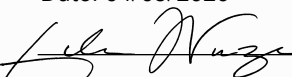
California Code of Regulations Title 16 Effect Date January 16, 2019  
Authority: Section 26013, Business and Professions Code  
Reference: Sections 26100, 26104



Scan to verify at sclabs.com  
Sample must be marked as public to be viewable



Josh Antunovich, LQC Verified By  
Date: 04/03/2020



Josh Wurzer, President  
Date: 04/03/2020