

# 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>

**NT<sup>2</sup>**

### CANNABINOID PROFILE

NT Total CBD<sup>1</sup>

NT Total Cannabinoids<sup>3</sup>

Terpenes See page 2



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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 =  $\Delta^9\text{THC} + (\text{THCa} (0.877))$  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.

## Blue Cheddar

**Tested for:** CBD For The People

**Address:** 2500 Alton Pkwy Irvine, CA 92606

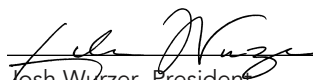
**Batch #:**

**Sample ID:** 200130V008

**Date Collected:** 01/30/2020

**Date Received:** 01/30/2020

## Final Approval

  
Josh Wurzer, President  
Date: 02/04/2020

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.



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

Sample Name: Blue Cheddar

LIMS Sample ID: 200130V008

Batch #:

Source METRC UID:

Sample Type: Other

Batch Count:

Sample Count:

Unit Mass:

Serving Mass:

Density:

Date Collected: 01/30/2020

Date Received: 01/30/2020

Tested for: CBD For The People

License #:

Address: 2500 Alton Pkwy Irvine, CA 92606

Produced by:

License #:

Address:

## Moisture Test Results

	Results (%)
Moisture	NT

## Cannabinoid Test Results

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

	mg/g	%	LOD / LOQ mg/g
Δ9THC	NT		
Δ8THC	NT		
THCa	NT		
THCV	NT		
THCVa	NT		
CBD	NT		
CBDa	NT		
CBDV	NT		
CBDVa	NT		
CBG	NT		
CBGa	NT		
CBL	NT		
CBN	NT		
CBC	NT		
CBCa	NT		

Sum of Cannabinoids:	NT
Total THC (Δ9THC+0.877*THCa)	NT
Total CBD (CBD+0.877*CBDa)	NT

	Action Limit mg
Δ9THC per Unit	NT
Δ9THC per Serving	NT

## Batch Photo



## Terpene Test Results

02/04/2020

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

	mg/g	%	LOD / LOQ mg/g
☑ Pinene	27.503	2.7503	0.022 / 0.067
Camphene	2.79	0.279	0.027 / 0.08
Sabinene	0.684	0.0684	0.027 / 0.082
☑ Pinene	24.263	2.4263	0.027 / 0.081
Myrcene	59.465	5.9465	0.027 / 0.082
☑ Phellandrene	3.314	0.3314	0.037 / 0.111
3 Carene	ND	ND	0.029 / 0.087
☑ Terpinene	ND	ND	0.03 / 0.09
Limonene	119.075	11.9075	0.013 / 0.039
Eucalyptol	2.640	0.2640	0.021 / 0.063
Ocimene	1.694	0.1694	0.028 / 0.085
☑ Terpinene	ND	ND	0.03 / 0.09
Sabinene Hydrate	ND	ND	0.018 / 0.054
Fenchone	ND	ND	0.03 / 0.092
Terpinolene	4.730	0.4730	0.022 / 0.067
Linalool	86.735	8.6735	0.019 / 0.058
Fenchol	33.504	3.3504	0.023 / 0.069
(-)-Isopulegol	ND	ND	0.013 / 0.04
Camphor	ND	ND	0.054 / 0.163
Isoborneol	2.491	0.2491	0.033 / 0.101
Borneol	4.949	0.4949	0.048 / 0.146
Menthol	ND	ND	0.022 / 0.067
Terpineol	81.121	8.1121	0.022 / 0.068
Nerol	ND	ND	0.023 / 0.068
R-(+)-Pulegone	ND	ND	0.022 / 0.068
Geraniol	0.72	0.072	0.017 / 0.05
Geranyl Acetate	0.967	0.0967	0.016 / 0.048
☑ Cedrene	0.311	0.0311	0.017 / 0.051
☑ Caryophyllene	263.508	26.3508	0.018 / 0.054
☑ Humulene	128.057	12.8057	0.013 / 0.038
Valencene	0.321	0.0321	0.008 / 0.023
Nerolidol	31.564	3.1564	0.035 / 0.106
Caryophyllene Oxide	42.959	4.2959	0.028 / 0.084
Guaiol	ND	ND	0.022 / 0.066
Cedrol	ND	ND	0.029 / 0.086
☑ Bisabolol	ND	ND	0.017 / 0.051

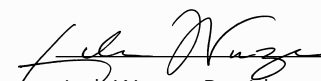
**Total Terpene Concentration: 923.365 92.3365**

## 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.



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Josh Wurzer, President  
Date: 02/04/2020



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## 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
Abamectin	NT		
Acephate	NT		
Acequinocyl	NT		
Acetamiprid	NT		
Azoxystrobin	NT		
Bifenazate	NT		
Bifenthrin	NT		
Boscalid	NT		
Captan	NT		
Carbaryl	NT		
Chlorantraniliprole	NT		
Clofentezine	NT		
Cyfluthrin	NT		
Cypermethrin	NT		
Diazinon	NT		
Dimethomorph	NT		
Etoxazole	NT		
Fenhexamid	NT		
Fenpyroximate	NT		
Flonicamid	NT		
Fludioxonil	NT		
Hexythiazox	NT		
Imidacloprid	NT		
Kresoxim-methyl	NT		
Malathion	NT		
Metalaxyl	NT		
Methomyl	NT		
Myclobutanil	NT		
Naled	NT		
Oxamyl	NT		
Pentachloronitrobenzene	NT		
Permethrin	NT		
Phosmet	NT		
Piperonylbutoxide	NT		
Prallethrin	NT		
Propiconazole	NT		
Pyrethrins	NT		
Pyridaben	NT		
Spinetoram	NT		
Spinosad	NT		
Spiromesifen	NT		
Spirotetramat	NT		
Tebuconazole	NT		
Thiamethoxam	NT		
Trifloxystrobin	NT		

## 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		
DDVP (Dichlorvos)	NT		
Dimethoate	NT		
Ethoprop(hos)	NT		
Etofenprox	NT		
Fenoxycarb	NT		
Fipronil	NT		
Imazalil	NT		
Methiocarb	NT		
Methyl parathion	NT		
Mevinphos	NT		
Padlobutrazol	NT		
Propoxur	NT		
Spiroxamine	NT		
Thiacloprid	NT		

## 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		

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Address:

## Residual Solvent Test Results

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

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
1,2-Dichloroethane	NT		
Benzene	NT		
Chloroform	NT		
Ethylene Oxide	NT		
Methylene chloride	NT		
Trichloroethylene	NT		
Acetone	NT		
Acetonitrile	NT		
Butane	NT		
Ethanol	NT		
Ethyl acetate	NT		
Ethyl ether	NT		
Heptane	NT		
Hexane	NT		
Isopropyl Alcohol	NT		
Methanol	NT		
Pentane	NT		
Propane	NT		
Toluene	NT		
Total Xylenes	NT		

## 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

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

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Cadmium	NT		
Lead	NT		
Arsenic	NT		
Mercury	NT		

## Note

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