

# 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>

# 0.0286%<sup>2</sup>

### CANNABINOID PROFILE

0.6516% Total CBD<sup>1</sup>

0.7062% Total Cannabinoids<sup>3</sup>

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

## BMI Industries/New World CBD Topical Lotion Wintergreen 200

Tested for: BMI Industries LLC/New World CBD

Sample ID: 191105U012

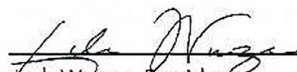
Address:

Date Collected: 11/05/2019

Batch #: 19308-05

Date Received: 11/05/2019

## Final Approval

  
Josh Wurzer, President  
Date: 01/06/2020

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: BMI Industries/New World CBD Topical Lotion Wintergreen 200  
 LIMS Sample ID: 191105U012  
 Batch #: 19308-05  
 Source Metrc ID(s):  
  
 Sample Type: Other  
 Batch Count:  
 Sample Count:  
 Unit Mass: 5.5 Grams per Unit  
 Serving Mass:  
 Density:

Date Collected: 11/05/2019  
 Date Received: 11/05/2019  
 Tested for: BMI Industries LLC/New World CBD  
 License #:  
 Address:  
 Produced by:  
 License #:  
 Address:

### Moisture Test Results

Results (%)

### Cannabinoid Test Results

11/07/2019

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

	mg/g	%	LOD / LOQ mg/g
Δ9THC	0.286	0.0286	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	6.516	0.6516	0.0009 / 0.003
CBDa	ND	ND	0.0009 / 0.003
CBDV	0.033	0.0033	0.0004 / 0.001
CBDVa	ND	ND	0.0003 / 0.001
CBG	0.173	0.0173	0.001 / 0.003
CBGa	ND	ND	0.0008 / 0.002
CBL	0.018	0.0018	0.0021 / 0.006
CBN	0.036	0.0036	0.0009 / 0.003
CBC	<LOQ	<LOQ	0.0011 / 0.003
CBCa	ND	ND	0.0015 / 0.005
<b>Sum of Cannabinoids:</b>	<b>7.062</b>	<b>0.7062</b>	<b>38.841 mg/Unit</b>
Total THC (Δ9THC+0.877*THCa)	0.286	0.0286	1.573 mg/Unit
Total CBD (CBD+0.877*CBDa)	6.516	0.6516	35.838 mg/Unit

Action Limit mg  
 Δ9THC per Unit 1.573 mg/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

Terpene	mg/g	%	LOD / LOQ mg/g
α-Pinene			
β-Pinene			
γ-Terpinene			
limonene			
1,8-Cineole			
1,8-Cineol			
Linalyl acetate			
Linalool			
Geranyl acetate			
Geranyl butyrate			
Geranyl propionate			
Geranyl lactate			
Geranyl formate			
Geranyl acetate			
Geranyl propionate			
Geranyl butyrate			
Geranyl lactate			
Geranyl formate			
Terpinolene			
α-Terpinene			
β-Terpinene			
γ-Terpinene			
limonene			
1,8-Cineole			
1,8-Cineol			
Linalyl acetate			
Linalool			
Geranyl acetate			
Geranyl propionate			
Geranyl butyrate			
Geranyl lactate			
Geranyl formate			
Terpinolene			
α-Terpinene			
β-Terpinene			
γ-Terpinene			
limonene			
1,8-Cineole			
1,8-Cineol			
Linalyl acetate			
Linalool			
Geranyl acetate			
Geranyl propionate			
Geranyl butyrate			
Geranyl lactate			
Geranyl formate			
Total Terpene Concentration:			

### 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.

  
 Josh Wurzer, President  
 Date: 01/06/2020





