HEMP LABORATORY TEST CERTIFICATE OF ANALYSIS



Hemp Analysis - Summary

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

TOTAL THC1

0.0299%2

CANNABINOID PROFILE

0.6446% Total CBD1 0.6798% 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 = 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.

BMI Industries/New World CBD Topical Lotion Sweet Orange

Tested for:

BMI Industries LLC/New World CBD

Sample ID:

191226Q009

Address:

Date Collected:

12/26/2019

Date Received:

12/26/2019

Batch #:

19350-09/ lot 9357A

Final Approval

Date: 12/27/2019

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.



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

LIMS Sample ID:

Lotion Sweet Orange 191226Q009

Batch #:

19350-09/ lot 9357A

Source Metrc ID(s):

Sample Type:

Other

Batch Count:

Sample Count:

Unit Mass:

28 Grams per Unit

Serving Mass:

Density:

Moisture Test Results

Results (%)

Cannabinoid Test Results

12/27/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography

(HPLC, QSP 5-4-4-4)

Sum of Cannabinoids:	6.798	0.6798	190.344 mg/Unit
СВСа	NĎ	ND	0.0015 / 0.005
C8C	0.007	0.0007	0.0011/0.003
CBN	ND	ND	0.0009 / 0.003
CBL	0.016	0.0016	0.0021 / 0.006
CBGa	ND	ND	0.0008 / 0.002
CBG	ND	ND	0.001 / 0.003
CBDVa	ND	ND	0.0003 / 0.001
CBDV	0.030	0.0030	0.0004 / 0.001
CBDa	ND	ND	0.0009 / 0.003
C3D	6.446	0.6446	0.0009 / 0.003
THCVa	ND	ND	0.0013/0.004
THCV	ND	ND	0.0004 / 0.001
THCa	ND	ND	0.0009 / 0.003
▲8THC	ND	ND	0.0009 / 0.003
Δ9THC	0.299	0.0299	0.0009 / 0.003
	mg/g	%	LOD / LOQ mg/g

Total THC (Δ9THC+0.877*THCa) Total CBD (CBD+0.877*CBDa)

Action Limit mg

6.446

0.0299

0.6446

Δ9THC per Unit Δ9THC per Serving

180.488 mg/Unit 8.372 mg/Unit

8.372 mg/Unit

Batch Photo





Date Collected: 12/26/2019

Date Received: 12/26/2019

Tested for: BMI Industries LLC/New World CBD

License #:

Address:

Produced by:

License #:

Address:

Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization

Detection (GC - FID) LOD / LOQ mg/g mg/g

Sample Certification

Cali fornia Code of Regulations Title 16 Effect Date January 15, 2019
Authority: Section 22013, Business and Professions Code.
Reference: Soctions 26100, 26104 and 26110, Business and Professions Code.

Josh Wurzer, President Date: 12/27/2019



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 Sweet Orange

LIMS Sample ID:

191226Q009

Batch #:

19350-09/ lot 9357A

Source Metrc ID(s):

Sample Type:

Other

Batch Count:

Sample Count:

Unit Mass:

28 Grams per Unit

Serving Mass:

Density:

Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry
Results (µg/g) Action Limit µg/g LOD / LOQ µg/g Date Collected: 12/26/2019

Date Received:

12/26/2019

Tested for:

BMI Industries LLC/New World CBD

License #:

Address:

Produced by:

License #:

Address:

Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing Pesticide, rungicide and plant glows.

HPLC-Mass Spectrometry and GC-Mass Spectrometry

Results (µg/g) Action Limit µg/g

LOD / LOQ µg/g

Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry
Results (µg/kg) Action Limit µg/kg

LOD / LOQ µg/kg

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
Authority: Section 2613, Business and Professions Code.
Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Josh Wurzer, President Date: 12/27/2019



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 Sweet Orange

LIMS Sample ID:

191226Q009

Batch #:

19350-09/ lot 9357A

Source Metrc ID(s):

Sample Type:

Other

Batch Count:

Sample Count:

Unit Mass:

28 Grams per Unit

Serving Mass:

Density:

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

Date Collected: 12/26/2019

Date Received:

12/26/2019

Tested for:

BMI Industries LLC/New World CBD

License #:

Address:

Produced by:

License #:

Address:

Water Activity Test Results

Results (Aw)

Action Limit Aw

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

Note

Microbiological Test Results

PCR and fluorescence detection of microbiological impurities

Action Limit

3M Petrifilm and plate counts for microbiological contamination Results (cfu/g)

Foreign Material Test Results

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: 12/27/2019