

Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic Full-Spectrum CBD Balm

Lot: FSB223

Report Date: 4/16/2024

Matrix: Salve

Date Analyzed: 4/15/2024

Customer ID: 211203-0

Date Sampled: N/A

Analyst: 057

Grower License #: 23_1538 (Maine)

Date Received: 4/10/2024

Report ID: C240410AY

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	0.14	0.01
CBDA	0.0008	7.44	0.74
CBGA	0.0008	0.18	0.02
CBG	0.0019	0.37	0.04
CBD	0.0019	17.76	1.78
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	1.13	0.11
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	2.57	0.26
Total THC		1.13	0.11
Total CBD		24.29	2.43
Total Cannabinoids		29.60	2.96

0.11%

Total THC

2.43%

Total CBD

2.96%

Total Cannabinoids

0.11%

Δ9-THC

N/A

Percent Moisture

1 : 21.4

THC : CBD Ratio



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
 Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: 
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic Full-Spectrum CBD Balm

Lot: FSB223

Report Date: 4/19/2024

Matrix: Salve

Date Analyzed: 4/19/2024

Customer ID: 211203-0

Date Sampled: N/A

Analyst: 045

Grower License #: 23_1538 (Maine)

Date Received: 4/10/2024

Report ID: C240410AY

Heavy Metal Summary

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	0.0053
Cadmium (Cd)	0.0001	0.0006
Mercury (Hg)	0.0001	<LOQ
Lead (Pb)	0.0001	0.0114



N/A
Percent Moisture

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

LOQ = The lowest quantity that this method can reliably detect. Any heavy metal that was not detected is assumed to be less than the stated LOQ (<LOQ).

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Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic Full-Spectrum CBD Balm

Lot: FSB223

Report Date: 4/18/2024

Matrix: Salve

Date Analyzed: 4/15/2024

Customer ID: 211203-0

Date Sampled: N/A

Analyst: 045

Grower License #: 23_1538 (Maine)

Date Received: 4/10/2024

Report ID: C240410AY

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Pyrethrin I	0.0010	<LOQ
Pyrethrin II	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)
Ochratoxin A	0.0020	NOT TESTED
Aflatoxin B1	0.0002	NOT TESTED
Alfatoxin B2	0.0010	NOT TESTED
Alfatoxin G1	0.0002	NOT TESTED
Alfatoxin G2	0.0010	NOT TESTED

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

N/A
Percent Moisture



LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Certified by: *Luke E. M.*
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic Full-Spectrum CBD Balm

Lot: FSB223

Report Date: 4/18/2024

Matrix: Salve

Date Analyzed: 4/12/2024

Customer ID: 211203-0

Date Sampled: N/A

Analyst: 045

Grower License #: 23_1538 (Maine)

Date Received: 4/10/2024

Report ID: C240410AY

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	0.066	0.007
Camphene	0.010	<LOQ	<LOQ
β -Myrcene	0.010	0.693	0.069
b-Pinene	0.010	0.029	0.003
3-Carene	0.010	<LOQ	<LOQ
α -Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	0.216	0.022
ρ -Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	0.117	0.012
Eucalyptol	0.010	0.030	0.003
γ -Terpinene	0.010	<LOQ	<LOQ
Terpinolene	0.010	<LOQ	<LOQ
Linalool	0.010	0.021	0.002
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	0.345	0.035
α -Humulene	0.010	0.099	0.010
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.016	0.002
Caryophyllene Oxide	0.010	<LOQ	<LOQ
α -Bisabolol	0.010	0.021	0.002
Total Terpenes		1.653	0.167

N/A
Percent Moisture

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS



Reagent Blanks: < LOQs for all analytes

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