

Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic sungrown Cherry Wine hemp flower

Lot: CWF2023

Report Date: 4/18/2024

Matrix: Flower

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: C240410AX

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	3.97	0.40
CBDV	0.0012	1.10	0.11
CBDA	0.0008	103.34	10.33
CBGA	0.0008	2.28	0.23
CBG	0.0019	1.17	0.12
CBD	0.0019	40.06	4.01
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	2.86	0.29
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	1.85	0.18
CBC	0.0024	10.11	1.01
Total THC		4.48	0.45
Total CBD		130.69	13.07
Total Cannabinoids		166.74	16.67

0.45%

Total THC

13.07%

Total CBD

16.67%

Total Cannabinoids

0.29%

Δ9-THC

10.69%

Percent Moisture

1 : 29.2

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

Certificate of Analysis

Company: Bald Mountain Botanicals	Sample ID: USDA certified organic sungrown Cherry Wine hemp flower	Report Date: 4/19/2024
	Lot: CWF2023	Date Analyzed: 4/19/2024
	Matrix: Flower	Analyst: 045
Customer ID: 211203-0	Date Sampled: N/A	Report ID: C240410AX
Grower License #: 23_1538 (Maine)	Date Received: 4/10/2024	

Heavy Metal Summary

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	0.1595
Cadmium (Cd)	0.0001	0.0653
Mercury (Hg)	0.0001	0.0010
Lead (Pb)	0.0001	0.1094



10.69%
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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Certified by: 
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic sungrown Cherry Wine hemp flower

Lot: CWF2023

Report Date: 4/22/2024

Matrix: Flower

Date Analyzed: 4/22/2024

Customer ID: 211203-0

Date Sampled: N/A

Analyst: 018

Grower License #: 23_1538 (Maine)

Date Received: 4/10/2024

Report ID: C240410AX

Plate Count Summary

Microbial Profile	3M Petrifilm Reference #	LOQ (cfu/g)	Plate Count (cfu/g)
Total Aerobic Plate Count	6400	910	<LOQ
Yeast and Mold Plate Count	6407	910	<LOQ



Microbial Methodology: 3M™ Petrifilm Plates

cfu/g = colony forming units per gram

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

Reagent Blanks: <LOQ for all analytes

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Certificate of Analysis

Company: Bald Mountain Botanicals

Sample ID: USDA certified organic sungrown Cherry Wine hemp flower

Lot: CWF2023

Report Date: 4/18/2024

Matrix: Flower

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: C240410AX

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	1.267	0.127
Camphene	0.010	0.024	0.002
β -Myrcene	0.010	4.379	0.438
b-Pinene	0.010	0.417	0.042
3-Carene	0.010	0.083	0.008
α -Terpinene	0.010	0.036	0.004
Limonene	0.010	1.059	0.106
ρ -Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	0.715	0.072
Eucalyptol	0.010	0.223	0.022
γ -Terpinene	0.010	0.058	0.006
Terpinolene	0.010	0.710	0.071
Linalool	0.010	0.017	0.002
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	3.803	0.380
α -Humulene	0.010	1.145	0.115
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.162	0.016
Caryophyllene Oxide	0.010	0.113	0.011
α -Bisabolol	0.010	0.244	0.024
Total Terpenes		14.455	1.446

10.69%

 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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