



**Customer:** The Healing Rose

**Address:**  
23 Hale St  
Newburyport MA 01950  
**Phone:** 978-409-1091  
**License #:** MDAR 25190109P



**Sample ID:** 11284  
**Sample Name:** Full Spectrum CBD Distillate  
**Sample Type:** Concentrate  
**Received Date:** 03/12/2024  
**Report Date:** 04/03/2024  
**METRC ID:** N/A  
**Client Batch ID:** HE73  
**Client Sample Size:** 5 g

# Certificate of Analysis

**Amended 04/03/2024**



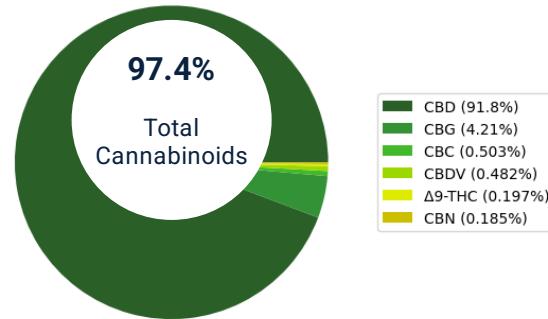
## Results Summary

Cannabinoids	TESTED
03/15/2024	
Terpenes	TESTED
03/15/2024	
Heavy Metals	<span style="color: green;">✓</span> PASS
03/15/2024	
Microbial Impurities	<span style="color: green;">✓</span> PASS
03/16/2024	
Mycotoxins	<span style="color: green;">✓</span> PASS
03/15/2024	
Pesticides	<span style="color: green;">✓</span> PASS
03/15/2024	

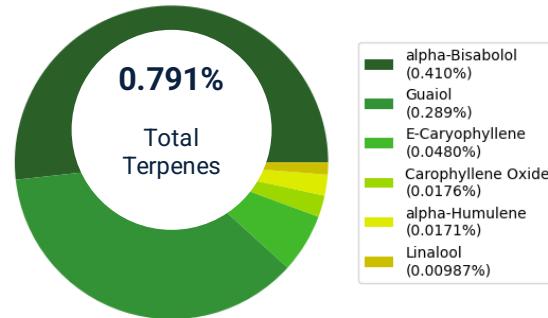
## Amended Report Notes

Revised cannabinoid data after running a lower dilution factor.

## Cannabinoid Distribution (%)



## Terpene Distribution (%)



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Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

# Certificate of Analysis

Amended 04/03/2024

## Cannabinoids

Date Started: 03/13/2024

Instrument: UPLC-PDA

Date Completed: 03/15/2024

Method: TP-09.001.05 & TP-09.012.05

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBD	91.8	918	2.24
CBG	4.21	42.1	0.0561
CBC	0.503	5.03	0.0449
CBDV	0.482	4.82	0.0449
Δ9-THC	0.197	1.97	0.00601
CBN	0.185	1.85	0.0561
CBDVA	ND	ND	0.0449
CBDA	ND	ND	0.112
CBGA	ND	ND	0.0561
Δ9-THCV	ND	ND	0.0449
Δ8-THCV	ND	ND	0.0449
THCVA	ND	ND	0.0449
CBNA	ND	ND	0.0449
Exo-THC	ND	ND	0.0449
Δ8-THC	ND	ND	0.0561
CBL	ND	ND	0.0449
THCA-A	ND	ND	0.112
CBCA	ND	ND	0.0449
<b>Total THC</b>	<b>0.197</b>	<b>1.97</b>	
<b>Total CBD</b>	<b>91.8</b>	<b>918</b>	
<b>Total Cannabinoids</b>	<b>97.4</b>	<b>974</b>	

**Total THC** = Δ9-THC + (THCA-A x 0.877)

**Total CBD** = CBD + (CBDA x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected.

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Smithers AMS LLC

790 Main St

Wareham, MA 02571

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# Certificate of Analysis

Amended 04/03/2024

## Terpenes

Date Started: 03/13/2024

Instrument: GC-MS

Date Completed: 03/15/2024

Method: TP-09.004.03

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOQ (%)
alpha-Bisabolol	0.410	4.10	0.0108
Guaiol	0.289	2.89	0.0108
E-Caryophyllene	0.0480	0.480	0.0108
Carophyllene Oxide	0.0176	0.176	0.0108
alpha-Humulene	0.0171	0.171	0.0108
Linalool	<LOQ	0.0987	0.0108
alpha-Pinene	ND	ND	0.0108
Camphehe	ND	ND	0.0108
beta-Pinene	ND	ND	0.0108
beta-Myrcene	ND	ND	0.0108
E-beta-Ocimene	ND	ND	0.0108
D-Limonene	ND	ND	0.0108
Isopulegol	ND	ND	0.0108
Geraniol	ND	ND	0.0108
Z-Nerolidol	ND	ND	0.0108
E-Nerolidol	ND	ND	0.0108
Eucalyptol	ND	ND	0.0108
delta-3-Carene	ND	ND	0.0108
alpha-Terpinene	ND	ND	0.0108
Z-beta-Ocimene	ND	ND	0.0108
gamma-Terpinene	ND	ND	0.0108
Terpinolene	ND	ND	0.0108
<b>Total Terpenes</b>	<b>0.791</b>	<b>7.91</b>	

## Heavy Metals

PASS

Date Started: 03/13/2024

Instrument: ICP-MS

Date Completed: 03/15/2024

Method: TP-09.007.01

Analyst: Meagan Mattos

Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	48.1	200	Pass
Cadmium	48.1	200	Pass
Lead	48.1	500	Pass
Mercury	24.1	100	Pass

## Microbial Impurities

PASS

Date Started: 03/12/2024

Instrument: TEMPO & Gene-Up

Date Completed: 03/16/2024

Method: TP-09.010.01 & TP-09.011.01

Analyst: Meagan Mattos

Deviation: N/A

Microbials	Limit (CFU/g)	Status
Coliforms	1000	Pass
Bile-Tolerant Gram-Negative Bacteria	1000	Pass
Yeast & Mold	10000	Pass
Aerobic Bacteria	100000	Pass
E.coli		Pass
Salmonella		Pass

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# Certificate of Analysis

Amended 04/03/2024

## Mycotoxins

PASS

Date Started: 03/12/2024

Instrument: LC-MS/MS

Date Completed: 03/15/2024

Method: TP-09.009.04

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.27		
Aflatoxin B2	3.20		
Aflatoxin G1	3.20		
Aflatoxin G2	4.27		
Ochratoxin A	3.20		
<b>Total Mycotoxins</b>	<b>3.20</b>	<b>20.0</b>	<b>Pass</b>

## Pesticides

PASS

Date Started: 03/12/2024

Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 03/15/2024

Method: TP-09.008.02 & TP-09.009.04

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Pesticide	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	3.20	10.0	Pass
Bifenthrin	3.20	10.0	Pass
Cyfluthrin	2.67	10.0	Pass
Etoxazole	3.20	10.0	Pass
Imazalil	3.20	10.0	Pass
Imidacloprid	3.20	10.0	Pass
Myclobutanil	3.20	10.0	Pass
Spiromesifen	3.20	10.0	Pass
Trifloxystrobin	3.20	10.0	Pass

Eric Steele, Lab Director  
04/03/2024

END OF REPORT

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