



Smithers AMS LLC  
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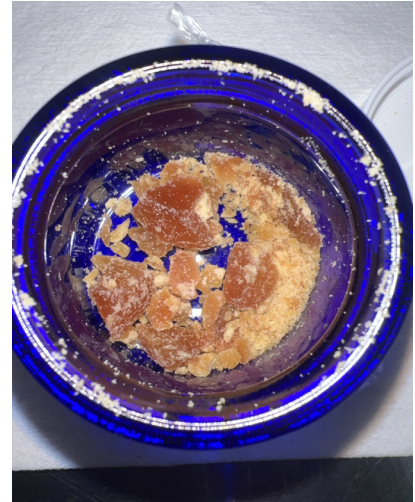
Customer: The Healing Rose  
Address:  
23 Hale St  
Newburyport MA 01950  
Phone: 978-409-1091  
License #: MDAR 25190109P



Sample ID: 17395  
Sample Name: Full Spectrum CBD Distillate - Organic  
Sample Type: Concentrate  
Received Date: 09/11/2024  
Report Date: 09/26/2024  
METRC ID: N/A  
Client Batch ID: HE84  
Client Sample Size: 5 grams

## Certificate of Analysis

Amended 09/26/2024



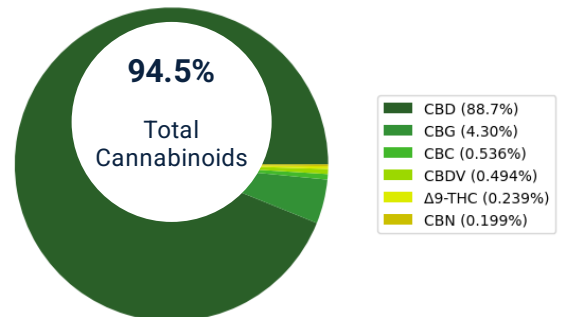
### Results Summary

Cannabinoids	TESTED
09/12/2024	
Terpenes	TESTED
09/15/2024	
Heavy Metals	✓ PASS
09/13/2024	
Microbial Impurities	✓ PASS
09/14/2024	
Pesticides and Mycotoxins	✓ PASS
09/13/2024	

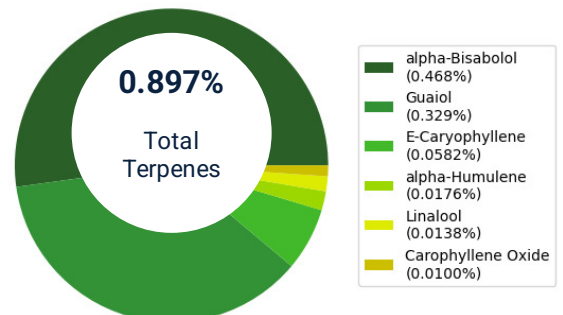
### Amended Report Notes

Amended to add pesticide & mycotoxin data.

### Cannabinoid Distribution (%)



### Terpene Distribution (%)



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## Cannabinoids

**Date Started:** 09/12/2024  
**Instrument:** UPLC-PDA

**Date Completed:** 09/12/2024  
**Method:** TP-09.001.05 & TP-09.012.05

**Analyst:** Yüemin Wang Kovaleff  
**Deviation:** N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBD	88.7	887	1.32
CBG	4.30	43.0	0.0659
CBC	0.536	5.36	0.0527
CBDV	0.494	4.94	0.0527
Δ9-THC	0.239	2.39	0.132
CBN	0.199	1.99	0.0659
CBDVA	ND	ND	0.0527
CBDA	ND	ND	0.132
CBGA	ND	ND	0.0659
Δ9-THCV	ND	ND	0.0527
Δ8-THCV	ND	ND	0.0527
THCVA	ND	ND	0.0527
CBNA	ND	ND	0.0527
Exo-THC	ND	ND	0.0527
Δ8-THC	ND	ND	0.0659
CBL	ND	ND	0.0527
THCA	ND	ND	0.132
CBCA	ND	ND	0.0527
<b>Total THC</b>	<b>0.239</b>	<b>2.39</b>	
<b>Total CBD</b>	<b>88.7</b>	<b>887</b>	
<b>Total Cannabinoids</b>	<b>94.5</b>	<b>945</b>	

**Total THC** = Δ9-THC + (THCA 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.

# Certificate of Analysis

**Amended 09/26/2024**

## Terpenes

**Date Started:** 09/12/2024  
**Instrument:** GC-MS

**Date Completed:** 09/15/2024  
**Method:** TP-09.004.03

**Analyst:** Eric Steele  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOQ (%)
alpha-Bisabolol	0.468	4.68	0.0133
Guaiol	0.329	3.29	0.0133
E-Caryophyllene	0.0582	0.582	0.0133
alpha-Humulene	0.0176	0.176	0.0133
Linalool	0.0138	0.138	0.0133
Carophyllene Oxide	<LOQ	<LOQ	0.0133
alpha-Pinene	ND	ND	0.0133
Camphene	ND	ND	0.0133
beta-Pinene	ND	ND	0.0133
beta-Myrcene	ND	ND	0.0133
E-beta-Ocimene	ND	ND	0.0133
D-Limonene	ND	ND	0.0133
Isopulegol	ND	ND	0.0133
Geraniol	ND	ND	0.0133
Z-Nerolidol	ND	ND	0.0133
E-Nerolidol	ND	ND	0.0133
Eucalyptol	ND	ND	0.0133
delta-3-Carene	ND	ND	0.0133
alpha-Terpinene	ND	ND	0.0133
Z-beta-Ocimene	ND	ND	0.0133
gamma-Terpinene	ND	ND	0.0133
Terpinolene	ND	ND	0.0133
<b>Total Terpenes</b>	<b>0.897</b>	<b>8.97</b>	

## Heavy Metals

✓ **PASS**

**Date Started:** 09/12/2024  
**Instrument:** ICP-MS

**Date Completed:** 09/13/2024  
**Method:** TP-09.007.01

**Analyst:** Meagan Mattos  
**Deviation:** N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	46.1	200	Pass
Cadmium	46.1	200	Pass
Lead	46.1	500	Pass
Mercury	23.0	100	Pass

## Microbial Impurities

✓ **PASS**

**Date Started:** 09/11/2024  
**Instrument:** TEMPO & Gene-Up

**Date Completed:** 09/14/2024  
**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 09/26/2024

## Pesticides and Mycotoxins

✓ PASS

Date Started: 09/11/2024

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

Date Completed: 09/13/2024

Method: TP-09.008.02 & TP-09.009.04

Analyst: Lana Rivera

Deviation: N/A

Analyte	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	3.93	10.0	Pass
Bifenthrin	3.93	10.0	Pass
Cyfluthrin	3.27	10.0	Pass
Etoxazole	3.93	10.0	Pass
Imazalil	3.93	10.0	Pass
Imidacloprid	3.93	10.0	Pass
Myclobutanil	3.93	10.0	Pass
Spiromesifen	3.93	10.0	Pass
Trifloxystrobin	3.93	10.0	Pass
Aflatoxin B1	5.24		
Aflatoxin B2	3.93		
Aflatoxin G1	3.93		
Aflatoxin G2	5.24		
Ochratoxin A	3.93		
Total Mycotoxins	3.93	20.0	Pass



Eric Steele, Lab Director  
09/26/2024

END OF REPORT