



Smithers AMS LLC

790 Main St
Wareham, MA 02571
License #: IL281355
Phone: 508-295-2550



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



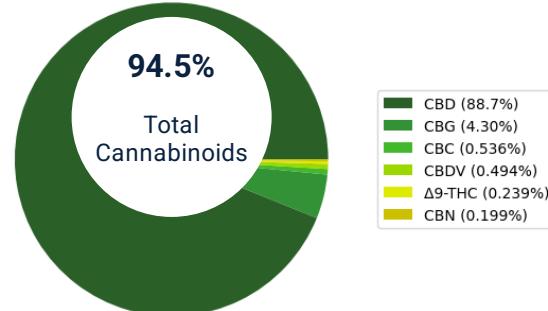
Results Summary

Cannabinoids	TESTED
09/12/2024	
Terpenes	TESTED
09/15/2024	
Heavy Metals	<input checked="" type="checkbox"/> PASS
09/13/2024	
Microbial Impurities	<input checked="" type="checkbox"/> PASS
09/14/2024	
Pesticides and Mycotoxins	<input checked="" type="checkbox"/> PASS
09/13/2024	

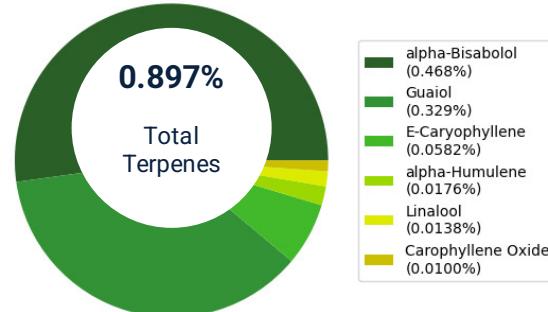
Amended Report Notes

Amended to add pesticide & mycotoxin data.

Cannabinoid Distribution (%)



Terpene Distribution (%)



Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



Report Number: 17395.V2

Page 1 of 4

Powered by QBench



Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

Certificate of Analysis

Amended 09/26/2024

Cannabinoids

Date Started: 09/12/2024

Instrument: UPLC-PDA

Date Completed: 09/12/2024

Method: TP-09.001.05 & TP-09.012.05

Analyst: Yuemin 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
Total THC	0.239	2.39	
Total CBD	88.7	887	
Total Cannabinoids	94.5	945	

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.

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



Report Number: 17395.V2

Page 2 of 4

Powered by



Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

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
Camphehe	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
Total Terpenes	0.897	8.97	

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

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



Report Number: 17395.V2

Page 3 of 4

Powered by QBench



Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

Certificate of Analysis

Amended 09/26/2024

PASS

Pesticides and Mycotoxins

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

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.



Report Number: 17395.V2

Page 4 of 4

Powered by QBench