



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: 26010
Sample Name: Full Spectrum CBD Distillate - Organic
Sample Type: Concentrate
Received Date: 04/07/2025
Report Date: 04/11/2025
METRC ID: N/A
Client Batch ID: HE96
Client Sample Size: 5 grams

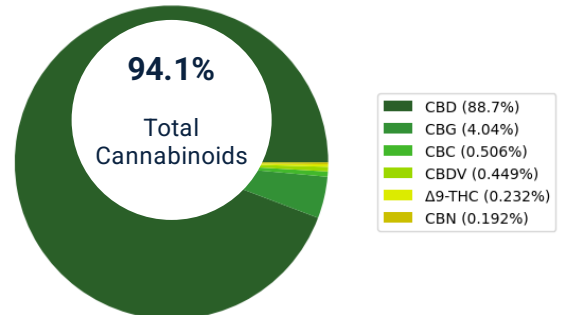
Certificate of Analysis



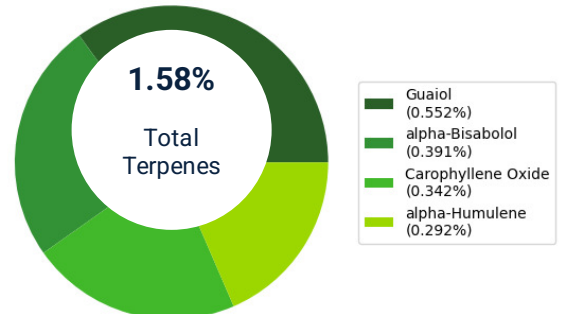
Results Summary

Cannabinoids	TESTED
04/10/2025	
Terpenes	TESTED
04/10/2025	
Heavy Metals	✓ PASS
04/11/2025	
Microbial Impurities	✓ PASS
04/11/2025	
Residual Solvents	✓ PASS
04/08/2025	
Pesticides and Mycotoxins	✓ PASS
04/08/2025	

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Cannabinoids

Date Started: 04/08/2025
Instrument: UPLC-PDA

Date Completed: 04/10/2025
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	1.47
CBG	4.04	40.4	0.0773
CBC	0.506	5.06	0.0618
CBDV	0.449	4.49	0.0618
Δ9-THC	0.232	2.32	0.155
CBN	0.192	1.92	0.0773
CBDVA	ND	ND	0.0618
CBDA	ND	ND	0.155
CBGA	ND	ND	0.0773
Δ9-THCV	ND	ND	0.0618
Δ8-THCV	ND	ND	0.0618
THCVA	ND	ND	0.0618
CBNA	ND	ND	0.0618
Exo-THC	ND	ND	0.0618
Δ8-THC	ND	ND	0.0773
CBL	ND	ND	0.0618
THCA	ND	ND	0.155
CBCA	ND	ND	0.0618
Total THC	0.232	2.32	
Total CBD	88.7	887	
Total Cannabinoids	94.1	941	

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

Terpenes

Date Started: 04/08/2025
Instrument: GC-MS

Date Completed: 04/10/2025
Method: TP-09.004.03

Analyst: Garrett Lane
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOQ (%)
Guaiol	0.552	5.52	0.0154
alpha-Bisabolol	0.391	3.91	0.0154
Carophyllene Oxide	0.342	3.42	0.0154
alpha-Humulene	0.292	2.92	0.0154
alpha-Pinene	ND	ND	0.0154
Camphene	ND	ND	0.0154
beta-Pinene	ND	ND	0.0154
beta-Myrcene	ND	ND	0.0154
E-beta-Ocimene	ND	ND	0.0154
D-Limonene	ND	ND	0.0154
Linalool	ND	ND	0.0154
Isopulegol	ND	ND	0.0154
Geraniol	ND	ND	0.0154
E-Caryophyllene	ND	ND	0.0154
Z-Nerolidol	ND	ND	0.0154
E-Nerolidol	ND	ND	0.0154
Eucalyptol	ND	ND	0.0154
delta-3-Carene	ND	ND	0.0154
alpha-Terpinene	ND	ND	0.0154
Z-beta-Ocimene	ND	ND	0.0154
gamma-Terpinene	ND	ND	0.0154
Terpinolene	ND	ND	0.0154
Total Terpenes	1.58	15.8	

Heavy Metals

✓ **PASS**

Date Started: 04/09/2025
Instrument: ICP-MS

Date Completed: 04/11/2025
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	72.9	200	Pass
Cadmium	72.9	200	Pass
Lead	72.9	500	Pass
Mercury	36.4	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 04/07/2025
Instrument: TEMPO & Gene-Up

Date Completed: 04/11/2025
Method: TP-09.010.01 & TP-09.011.01

Analyst: Sydney Murphy
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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Residual Solvents

✓ **PASS**

Date Started: 04/07/2025
Instrument: HS-GC-MS

Date Completed: 04/08/2025
Method: TP-09.005.03

Analyst: Garrett Lane
Deviation: N/A

Residual Solvent	LOQ (ppm)	Limit (ppm)	Status
n-Propane	1.61	12.0	Pass
Iso-butane	1.61	12.0	Pass
n-Butane	1.61	12.0	Pass
Methanol	96.8	3000	Pass
Ethylene Oxide	1.29		Pass
n-Pentane	96.8	5000	Pass
Ethanol	96.8	5000	Pass
Ethyl Ether	96.8	5000	Pass
Acetone	96.8	5000	Pass
Isopropyl Alcohol	96.8	5000	Pass
Acetonitrile	96.8	410	Pass
Methylene Chloride	1.29	600	Pass
n-Hexane	96.8	290	Pass
Ethyl Acetate	96.8	5000	Pass
Chloroform	1.29	60.0	Pass
1,2-Dichloroethane	1.29	1870	Pass
Benzene	1.29		Pass
n-Heptane	96.8	5000	Pass
Trichloroethylene	1.29	80.0	Pass
Toluene	96.8	890	Pass
Total Xylenes	48.4	2170	Pass

Pesticides and Mycotoxins

✓ **PASS**

Date Started: 04/07/2025
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 04/08/2025
Method: TP-09.008.02 & TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Analyte	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	3.06	10.0	Pass
Bifenthrin	3.06	10.0	Pass
Cyfluthrin	2.55	10.0	Pass
Etoxazole	3.06	10.0	Pass
Imazalil	3.06	10.0	Pass
Imidacloprid	3.06	10.0	Pass
Myclobutanil	3.06	10.0	Pass
Spiromesifen	3.06	10.0	Pass
Trifloxystrobin	3.06	10.0	Pass
Aflatoxin B1	4.07		
Aflatoxin B2	3.06		
Aflatoxin G1	3.06		
Aflatoxin G2	4.07		
Ochratoxin A	3.06		
Total Mycotoxins	3.06	20.0	Pass

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Certificate of Analysis

Eric Steele, Lab Director
04/11/2025

END OF REPORT

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