



SMITHERS

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: 46102
Sample Name: Full Spetrum CBD Distillate - Organic
Sample Type: Concentrate
Received Date: 05/04/2026
Report Date: 05/08/2026
METRC ID: N/A
Client Batch ID: HE110
Client Sample Size: 5 grams

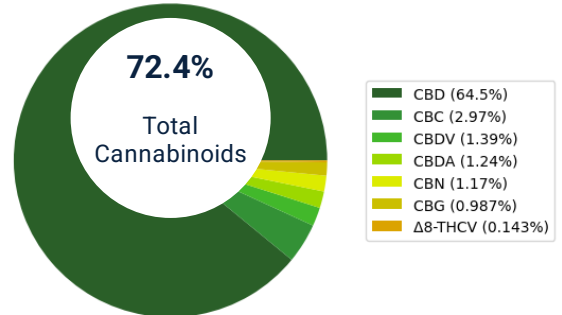
Certificate of Analysis



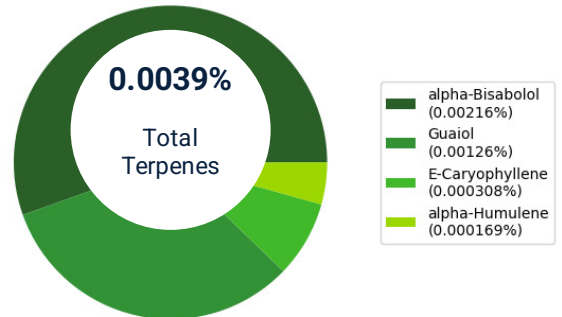
Results Summary

Cannabinoids 05/05/2026	TESTED
Terpenes 05/05/2026	TESTED
Heavy Metals 05/05/2026	✓ PASS
Microbial Impurities 05/08/2026	✓ PASS
Mycotoxins 05/06/2026	✓ PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Certificate of Analysis

Cannabinoids

Date Started: 05/04/2026

Instrument: UPLC-PDA

Date Completed: 05/05/2026

Method: TP-09.001.06 & TP-09.012.07

Analyst: Lana Rivera (B144852)

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBD	64.5	645	1.41
CBC	2.97	29.7	0.0564
CBDV	1.39	13.9	0.0564
CBDA	1.24	12.4	0.141
CBN	1.17	11.7	0.0705
CBG	0.987	9.87	0.0705
Δ8-THCV	0.143	1.43	0.0564
CBDVA	ND	ND	0.0564
CBGA	ND	ND	0.0705
Δ9-THCV	ND	ND	0.0564
THCVA	ND	ND	0.0564
CBNA	ND	ND	0.0564
Exo-THC	ND	ND	0.0564
Δ9-THC	ND	ND	0.141
Δ8-THC	ND	ND	0.0705
CBL	ND	ND	0.0564
THCA	ND	ND	0.141
CBCA	ND	ND	0.0564
Total THC	ND	ND	
Total CBD	65.6	656	
Total Cannabinoids	72.4	724	

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.

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Certificate of Analysis

Terpenes

Date Started: 05/04/2026

Instrument: GC-MS

Date Completed: 05/05/2026

Method: TP-09.004.06

Analyst: Lana Rivera (B144852)

Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOQ (%)
alpha-Bisabolol	0.00216	0.0216	0.000125
Guaiol	0.00126	0.0126	0.000125
E-Caryophyllene	0.000308	0.00308	0.000125
alpha-Humulene	0.000169	0.00169	0.000125
alpha-Pinene	ND	ND	0.000125
Camphene	ND	ND	0.000125
beta-Pinene	ND	ND	0.000125
beta-Myrcene	ND	ND	0.000125
E-beta-Ocimene	ND	ND	0.000125
D-Limonene	ND	ND	0.000125
Linalool	ND	ND	0.000125
Isopulegol	ND	ND	0.000125
Geraniol	ND	ND	0.000125
Z-Nerolidol	ND	ND	0.000125
E-Nerolidol	ND	ND	0.000125
Carophyllene Oxide	ND	ND	0.000125
Eucalyptol	ND	ND	0.000125
delta-3-Carene	ND	ND	0.000125
alpha-Terpinene	ND	ND	0.000125
Z-beta-Ocimene	ND	ND	0.000125
gamma-Terpinene	ND	ND	0.000125
Terpinolene	ND	ND	0.000125
Total Terpenes	0.00390	0.0390	

Heavy Metals

✓ PASS

Date Started: 05/05/2026

Instrument: ICP-MS

Date Completed: 05/05/2026

Method: TP-09.007.04

Analyst: Meagan Mattos (B154555)

Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	84.8	200	Pass
Cadmium	84.8	200	Pass
Lead	84.8	500	Pass
Mercury	42.4	100	Pass

Microbial Impurities

✓ PASS

Date Started: 05/04/2026

Instrument: TEMPO & Gene-Up

Date Completed: 05/08/2026

Method: TP-09.010.02 & TP-09.011.03

Analyst: Sydney Murphy (B168056)

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

Mycotoxins

PASS

Date Started: 05/05/2026
Instrument: LC-MS/MS

Date Completed: 05/06/2026
Method: TP-09.009.05

Analyst: Lana Rivera (B144852)
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	2.68		
Aflatoxin B2	2.68		
Aflatoxin G1	2.68		
Aflatoxin G2	2.68		
Ochratoxin A	2.68		
Total Mycotoxins	2.68	20.0	Pass

Eric Steele, Lab Director
05/08/2026

END OF REPORT

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