



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

Certificate of Analysis



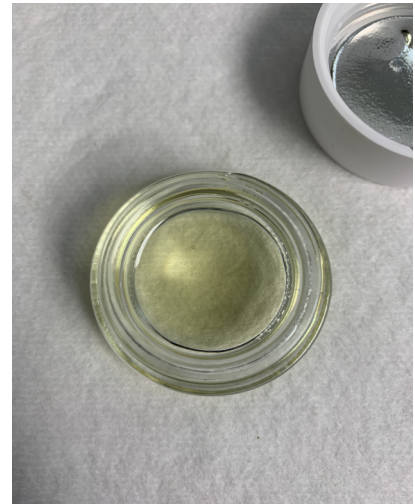
Customer: The Healing Rose

Address:

23 Hale St
Newburyport MA 01950

Phone: 978-409-1091

License #: MDAR 25190109P



Sample ID: 28461

Sample Name: CBC Isolate

Sample Type: Isolate

Received Date: 05/29/2025

Report Date: 06/02/2025

METRC ID: N/A

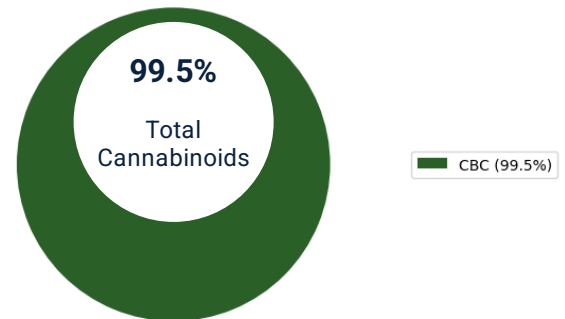
Client Batch ID: HE100

Client Sample Size: 5 grams

Results Summary

Cannabinoids	TESTED
05/30/2025	
Heavy Metals	✓ PASS
05/31/2025	
Microbial Impurities	✓ PASS
06/02/2025	
Residual Solvents	✓ PASS
06/02/2025	
Mycotoxins	✓ PASS
06/02/2025	

Cannabinoid 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.



Certificate of Analysis

Cannabinoids

Date Started: 05/29/2025
Instrument: UPLC-PDA

Date Completed: 05/30/2025
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yueming Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
CBC	99.5	995	0.114	0.960
CBDVA	ND	ND	0.0162	0.0960
CBDV	ND	ND	0.0459	0.0960
CBDA	ND	ND	0.0151	0.240
CBGA	ND	ND	0.00941	0.120
CBG	ND	ND	0.0104	0.120
CBD	ND	ND	0.0186	0.240
Δ9-THCV	ND	ND	0.0129	0.0960
Δ8-THCV	ND	ND	0.0234	0.0960
THCVA	ND	ND	0.0102	0.0960
CBN	ND	ND	0.0164	0.120
CBNA	ND	ND	0.0127	0.0960
Exo-THC	ND	ND	0.0192	0.0960
Δ9-THC	ND	ND	0.0444	0.240
Δ8-THC	ND	ND	0.0421	0.120
CBL	ND	ND	0.0284	0.0960
THCA	ND	ND	0.0384	0.240
CBCA	ND	ND	0.0309	0.0960
Total THC	ND	ND		
Total CBD	ND	ND		
Total Cannabinoids	99.5	995		

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.

Heavy Metals

✓ **PASS**

Date Started: 05/29/2025
Instrument: ICP-MS

Date Completed: 05/31/2025
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	11.9	80.7	200	Pass
Cadmium	ND	7.17	80.7	200	Pass
Lead	ND	6.59	80.7	500	Pass
Mercury	ND	5.75	40.4	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 05/29/2025
Instrument: TEMPO & Gene-Up

Date Completed: 06/02/2025
Method: TP-09.010.01 & TP-09.011.01

Analyst: Sydney Murphy
Deviation: N/A

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

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Certificate of Analysis

Residual Solvents

✓ **PASS**

Date Started: 05/30/2025
Instrument: HS-GC-MS

Date Completed: 06/02/2025
Method: TP-09.005.03

Analyst: Garrett Lane
Deviation: N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	ND	0.412	1.62	12.0	Pass
Iso-butane	ND	0.271	1.62	12.0	Pass
n-Butane	<LOQ	0.177	1.62	12.0	Pass
Methanol	ND	38.5	97.3	3000	Pass
Ethylene Oxide	ND	0.648	1.30		Pass
n-Pentane	ND	26.1	97.3	5000	Pass
Ethanol	ND	18.0	97.3	5000	Pass
Ethyl Ether	ND	24.6	97.3	5000	Pass
Acetone	ND	17.6	97.3	5000	Pass
Isopropyl Alcohol	<LOQ	22.0	97.3	5000	Pass
Acetonitrile	ND	13.7	97.3	410	Pass
Methylene Chloride	ND	0.648	1.30	600	Pass
n-Hexane	ND	26.5	97.3	290	Pass
Ethyl Acetate	ND	15.2	97.3	5000	Pass
Chloroform	ND	0.648	1.30	60.0	Pass
1,2-Dichloroethane	ND	0.648	1.30	1870	Pass
Benzene	ND	0.648	1.30		Pass
n-Heptane	ND	28.3	97.3	5000	Pass
Trichloroethylene	ND	0.648	1.30	80.0	Pass
Toluene	ND	11.2	97.3	890	Pass
Total Xylenes	ND	19.2	48.7	2170	Pass

Mycotoxins

✓ **PASS**

Date Started: 05/29/2025
Instrument: LC-MS/MS

Date Completed: 06/02/2025
Method: TP-09.009.05

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	0.785	2.59		
Aflatoxin B2	ND	0.785	2.59		
Aflatoxin G1	ND	0.785	2.59		
Aflatoxin G2	ND	0.785	2.59		
Ochratoxin A	ND	0.785	2.59		
Total Mycotoxins	ND	0.785	2.59	20.0	Pass



Yuemin Wang Kovaleff, Lab
 Manager
 06/02/2025

END OF REPORT