



Smithers AMS LLC
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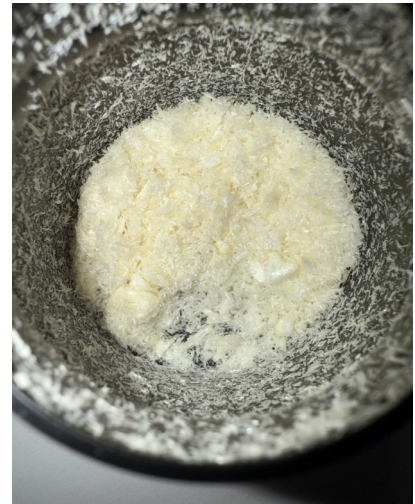


Customer: The Healing Rose
Address:
23 Hale St
Newburyport MA 01950
Phone: 978-409-1091
License #: MDAR 25190109P



Sample ID: 28539
Sample Name: CBG Isolate - Organic
Sample Type: Isolate
Received Date: 06/02/2025
Report Date: 06/06/2025
METRC ID: N/A
Client Batch ID: HE103
Client Sample Size: 5 grams

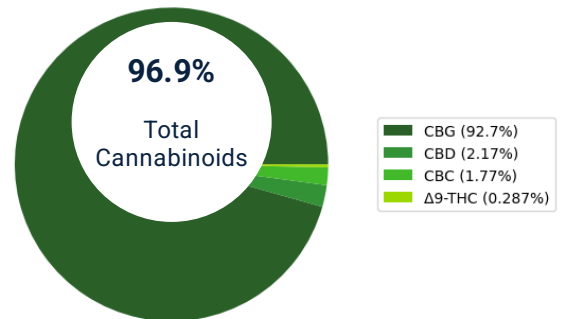
Certificate of Analysis



Results Summary

Cannabinoids	TESTED
06/02/2025	
Heavy Metals	✓ PASS
06/04/2025	
Microbial Impurities	✓ PASS
06/06/2025	
Residual Solvents	✓ PASS
06/04/2025	
Mycotoxins	✓ PASS
06/04/2025	

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: 06/02/2025
Instrument: UPLC-PDA

Date Completed: 06/02/2025
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yueming Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBG	92.7	927	1.09
CBD	2.17	21.7	0.217
CBC	1.77	17.7	0.0870
Δ9-THC	0.287	2.87	0.217
CBDVA	ND	ND	0.0870
CBDV	ND	ND	0.0870
CBDA	ND	ND	0.217
CBGA	ND	ND	0.109
Δ9-THCV	ND	ND	0.0870
Δ8-THCV	ND	ND	0.0870
THCVA	ND	ND	0.0870
CBN	ND	ND	0.109
CBNA	ND	ND	0.0870
Exo-THC	ND	ND	0.0870
Δ8-THC	ND	ND	0.109
CBL	ND	ND	0.0870
THCA	ND	ND	0.217
CBCA	ND	ND	0.0870
Total THC	0.287	2.87	
Total CBD	2.17	21.7	
Total Cannabinoids	96.9	969	

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: 06/03/2025
Instrument: ICP-MS

Date Completed: 06/04/2025
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	76.8	200	Pass
Cadmium	76.8	200	Pass
Lead	76.8	500	Pass
Mercury	38.4	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 06/02/2025
Instrument: TEMPO & Gene-Up

Date Completed: 06/06/2025
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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Certificate of Analysis

Residual Solvents

✓ **PASS**

Date Started: 06/02/2025
Instrument: HS-GC-MS

Date Completed: 06/04/2025
Method: TP-09.005.03

Analyst: Garrett Lane
Deviation: N/A

Residual Solvent	LOQ (ppm)	Limit (ppm)	Status
n-Propane	1.30	12.0	Pass
Iso-butane	1.30	12.0	Pass
n-Butane	1.30	12.0	Pass
Methanol	78.4	3000	Pass
Ethylene Oxide	1.05		Pass
n-Pentane	78.4	5000	Pass
Ethanol	78.4	5000	Pass
Ethyl Ether	78.4	5000	Pass
Acetone	78.4	5000	Pass
Isopropyl Alcohol	78.4	5000	Pass
Acetonitrile	78.4	410	Pass
Methylene Chloride	1.05	600	Pass
n-Hexane	78.4	290	Pass
Ethyl Acetate	78.4	5000	Pass
Chloroform	1.05	60.0	Pass
1,2-Dichloroethane	1.05	1870	Pass
Benzene	1.05		Pass
n-Heptane	78.4	5000	Pass
Trichloroethylene	1.05	80.0	Pass
Toluene	78.4	890	Pass
Total Xylenes	39.2	2170	Pass

Mycotoxins

✓ **PASS**

Date Started: 06/03/2025
Instrument: LC-MS/MS

Date Completed: 06/04/2025
Method: TP-09.009.05

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.02		
Aflatoxin B2	3.02		
Aflatoxin G1	3.02		
Aflatoxin G2	4.02		
Ochratoxin A	3.02		
Total Mycotoxins	3.02	20.0	Pass



Yuemin Wang Kovaleff, Lab
 Manager
 06/06/2025

END OF REPORT