



Smithers AMS LLC

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

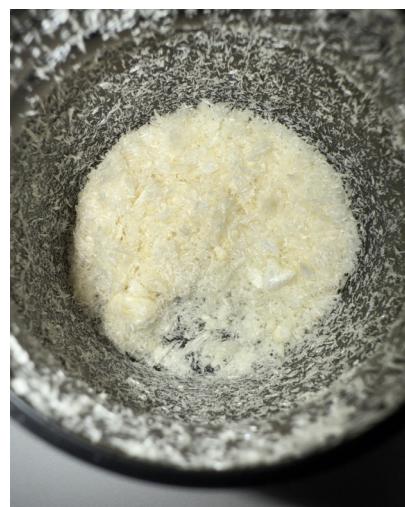


Customer: The Healing Rose

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



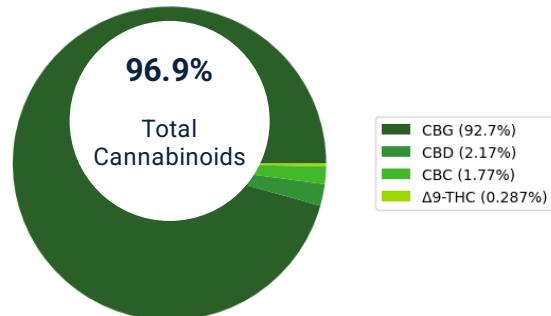
Sample ID: 28539
Sample Name: CBG Isolate - Organic
Sample Type: Isolate
Received Date: 06/02/2025
Report Date: 06/06/2025
METRC ID: N/A
Client Batch ID: HE103
Client Sample Size: 5 grams



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 (%)



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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: Yuemin 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

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