



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

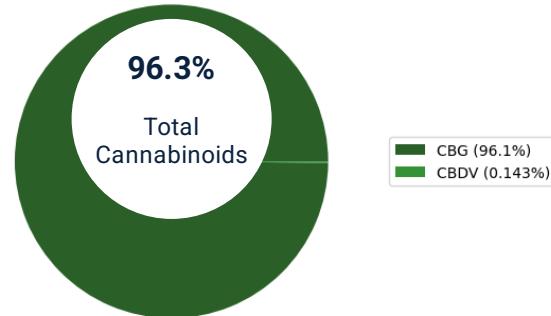


Sample ID: 26011
Sample Name: CBG Isolate
Sample Type: Isolate
Received Date: 04/07/2025
Report Date: 04/11/2025
METRC ID: N/A
Client Batch ID: HE97
Client Sample Size: 5 grams

Results Summary

Cannabinoids	TESTED
04/09/2025	
Heavy Metals	<input checked="" type="checkbox"/> PASS
04/08/2025	
Microbial Impurities	<input checked="" type="checkbox"/> PASS
04/11/2025	
Residual Solvents	<input checked="" type="checkbox"/> PASS
04/08/2025	
Pesticides and Mycotoxins	<input checked="" type="checkbox"/> PASS
04/08/2025	

Cannabinoid Distribution (%)



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Cannabinoids

Date Started: 04/08/2025

Instrument: UPLC-PDA

Date Completed: 04/09/2025

Method: TP-09.001.05 & TP-09.012.05

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBG	96.1	961	0.700
CBDV	0.143	1.43	0.0560
CBDVA	ND	ND	0.0560
CBDA	ND	ND	0.140
CBGA	ND	ND	0.0700
CBD	ND	ND	0.140
Δ9-THCV	ND	ND	0.0560
Δ8-THCV	ND	ND	0.0560
THCVA	ND	ND	0.0560
CBN	ND	ND	0.0700
CBNA	ND	ND	0.0560
Exo-THC	ND	ND	0.0560
Δ9-THC	ND	ND	0.140
Δ8-THC	ND	ND	0.0700
CBL	ND	ND	0.0560
THCA	ND	ND	0.140
CBC	ND	ND	0.0560
CBCA	ND	ND	0.0560
Total THC	ND	ND	
Total CBD	ND	ND	
Total Cannabinoids	96.3	963	

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: 04/08/2025

Instrument: ICP-MS

Date Completed: 04/08/2025

Method: TP-09.007.01

Analyst: Eric Steele

Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	71.5	200	Pass
Cadmium	71.5	200	Pass
Lead	71.5	500	Pass
Mercury	35.8	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	1.56	12.0	Pass
Iso-butane	1.56	12.0	Pass
n-Butane	1.56	12.0	Pass
Methanol	94.0	3000	Pass
Ethylene Oxide	1.25		Pass
n-Pentane	94.0	5000	Pass
Ethanol	94.0	5000	Pass
Ethyl Ether	94.0	5000	Pass
Acetone	94.0	5000	Pass
Isopropyl Alcohol	94.0	5000	Pass
Acetonitrile	94.0	410	Pass
Methylene Chloride	1.25	600	Pass
n-Hexane	94.0	290	Pass
Ethyl Acetate	94.0	5000	Pass
Chloroform	1.25	60.0	Pass
1,2-Dichloroethane	1.25	1870	Pass
Benzene	1.25		Pass
n-Heptane	94.0	5000	Pass
Trichloroethylene	1.25	80.0	Pass
Toluene	94.0	890	Pass
Total Xylenes	47.0	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	3.50	10.0	Pass
Bifenthrin	3.50	10.0	Pass
Cyfluthrin	2.92	10.0	Pass
Etoxazole	3.50	10.0	Pass
Imazalil	3.50	10.0	Pass
Imidacloprid	3.50	10.0	Pass
Myclobutanil	3.50	10.0	Pass
Spiromesifen	3.50	10.0	Pass
Trifloxystrobin	3.50	10.0	Pass
Aflatoxin B1	4.67		
Aflatoxin B2	3.50		
Aflatoxin G1	3.50		
Aflatoxin G2	4.67		
Ochratoxin A	3.50		
Total Mycotoxins	3.50	20.0	Pass

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A handwritten signature in blue ink that appears to read "Eric Steele".

Eric Steele, Lab Director
04/11/2025

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END OF REPORT

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