



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: 52616
Sample Name: Organic CBG Isolate
Sample Type: Isolate
Received Date: 08/25/2026
Report Date: 08/29/2026
METRC ID: N/A
Client Batch ID: HE112
Sanitization Method: None
Client Sample Size: 5 grams

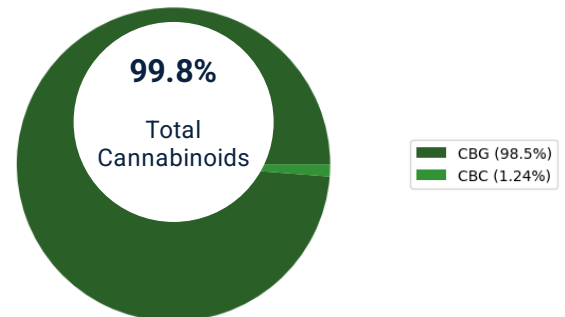
Certificate of Analysis



Results Summary

Cannabinoids	TESTED
08/27/2026	
Heavy Metals	✓ PASS
08/29/2026	
Microbial Impurities	✓ PASS
08/28/2026	
Residual Solvents	✓ PASS
08/27/2026	
Pesticides and Mycotoxins	✓ PASS
08/27/2026	

Cannabinoid Distribution (%)



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Certificate of Analysis

Cannabinoids

Date Started: 08/26/2026
Instrument: UPLC-PDA

Date Completed: 08/27/2026
Method: TP-09.001.06 & TP-09.012.07

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

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
CBG	98.5	985	0.117	1.35
CBC	1.24	12.4	0.0128	0.108
CBDVA	ND	ND	0.0181	0.108
CBDV	ND	ND	0.0515	0.108
CBDA	ND	ND	0.0170	0.269
CBGA	ND	ND	0.0106	0.135
CBD	ND	ND	0.0208	0.269
Δ9-THCV	ND	ND	0.0145	0.108
Δ8-THCV	ND	ND	0.0263	0.108
THCVA	ND	ND	0.0114	0.108
CBN	ND	ND	0.0184	0.135
CBNA	ND	ND	0.0142	0.108
Exo-THC	ND	ND	0.0215	0.108
Δ9-THC	ND	ND	0.0498	0.269
Δ8-THC	ND	ND	0.0472	0.135
CBL	ND	ND	0.0319	0.108
THCA	ND	ND	0.0431	0.269
CBCA	ND	ND	0.0347	0.108
Total THC	ND	ND		
Total CBD	ND	ND		
Total Cannabinoids	99.8	998		

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: 08/27/2026
Instrument: ICP-MS

Date Completed: 08/29/2026
Method: TP-09.007.04

Analyst: Meagan Mattos (B154555)
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	12.4	83.8	200	Pass
Cadmium	ND	74.4	83.8	200	Pass
Lead	ND	6.84	83.8	500	Pass
Mercury	ND	5.97	41.9	100	Pass

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Certificate of Analysis

Microbial Impurities

✓ **PASS**

Date Started: 08/25/2026
Instrument: TEMPO & Gene-Up

Date Completed: 08/28/2026
Method: TP-09.010.02 & TP-09.011.03

Analyst: Sydney Murphy (B168056)
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

Residual Solvents

✓ **PASS**

Date Started: 08/26/2026
Instrument: HS-GC-MS

Date Completed: 08/27/2026
Method: TP-09.005.05

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

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	<LOQ	0.426	1.67	12.0	Pass
n-Butane	ND	0.183	1.67	12.0	Pass
Methanol	ND	39.8	101	3000	Pass
Ethylene Oxide	ND	0.670	1.34		Pass
n-Pentane	ND	27.0	101	5000	Pass
Ethanol	ND	18.6	101	5000	Pass
Ethyl Ether	ND	25.4	101	5000	Pass
Acetone	ND	18.2	101	5000	Pass
Isopropyl Alcohol	ND	22.7	101	5000	Pass
Acetonitrile	ND	14.1	101	410	Pass
Methylene Chloride	ND	0.670	1.34	600	Pass
n-Hexane	ND	27.3	101	290	Pass
Ethyl Acetate	ND	15.8	101	5000	Pass
Chloroform	ND	0.670	1.34	60.0	Pass
1,2-Dichloroethane	ND	0.670	1.34	1870	Pass
Benzene	ND	0.670	1.34		Pass
n-Heptane	ND	29.3	101	5000	Pass
Trichloroethylene	ND	0.670	1.34	80.0	Pass
Toluene	ND	11.6	101	890	Pass
Total Xylenes	ND	19.8	50.3	2170	Pass

Certificate of Analysis

Pesticides and Mycotoxins

✓ **PASS**

Date Started: 08/25/2026

Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 08/27/2026

Method: TP-09.008.04 & TP-09.009.06

Analyst: Lana Rivera (B144852)

Deviation: N/A

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	ND	1.04	3.42	10.0	Pass
Bifenthrin	ND	1.04	3.42	10.0	Pass
Cyfluthrin	ND	0.454	2.85	10.0	Pass
Etoazole	ND	1.04	3.42	10.0	Pass
Imazalil	ND	1.04	3.42	10.0	Pass
Imidacloprid	ND	1.04	3.42	10.0	Pass
Myclobutanil	ND	1.04	3.42	10.0	Pass
Spiromesifen	ND	1.38	4.56	10.0	Pass
Trifloxystrobin	ND	1.04	3.42	10.0	Pass
Aflatoxin B1	ND	1.04	3.42	20.0	
Aflatoxin B2	ND	1.04	3.42	20.0	
Aflatoxin G1	ND	1.04	3.42	20.0	
Aflatoxin G2	ND	1.04	3.42	20.0	
Ochratoxin A	ND	1.04	3.42	20.0	
Total Mycotoxins	ND	1.04	3.42	20.0	Pass



Eric Steele, Lab Director
 08/29/2026

END OF REPORT

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