



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: 33779

Sample Name: THCV Isolate

Sample Type: Isolate

Received Date: 09/08/2025

Report Date: 09/13/2025

METRC ID: N/A

Client Batch ID: HE105

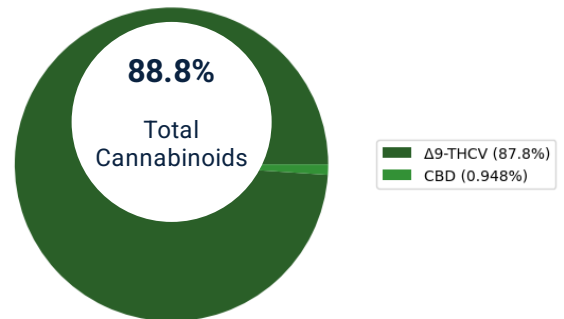
Client Sample Size: 5 grams



Results Summary

Cannabinoids	TESTED
09/10/2025	
Heavy Metals	✓ PASS
09/12/2025	
Microbial Impurities	✓ PASS
09/12/2025	
Residual Solvents	✓ PASS
09/10/2025	
Pesticides and Mycotoxins	✓ PASS
09/11/2025	

Cannabinoid Distribution (%)



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Cannabinoids

Date Started: 09/09/2025
Instrument: UPLC-PDA

Date Completed: 09/10/2025
Method: TP-09.001.05 & TP-09.012.05

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

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
Δ9-THCV	87.8	878	0.626
CBD	0.948	9.48	0.157
CBDVA	ND	ND	0.0626
CBDV	ND	ND	0.0626
CBDA	ND	ND	0.157
CBGA	ND	ND	0.0783
CBG	ND	ND	0.0783
Δ8-THCV	ND	ND	0.0626
THCVA	ND	ND	0.0626
CBN	ND	ND	0.0783
CBNA	ND	ND	0.0626
Exo-THC	ND	ND	0.0626
Δ9-THC	ND	ND	0.157
Δ8-THC	ND	ND	0.0783
CBL	ND	ND	0.0626
THCA	ND	ND	0.157
CBC	ND	ND	0.0626
CBCA	ND	ND	0.0626
Total THC	ND	ND	
Total CBD	0.948	9.48	
Total Cannabinoids	88.8	888	

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: 09/10/2025
Instrument: ICP-MS

Date Completed: 09/12/2025
Method: TP-09.007.03

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

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	74.7	200	Pass
Cadmium	74.7	200	Pass
Lead	74.7	500	Pass
Mercury	37.4	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 09/08/2025
Instrument: TEMPO & Gene-Up

Date Completed: 09/12/2025
Method: TP-09.010.01 & TP-09.011.01

Analyst: Sydney Murphy (B168056)
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: 09/09/2025
Instrument: HS-GC-MS

Date Completed: 09/10/2025
Method: TP-09.005.03

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

Residual Solvent	LOQ (ppm)	Limit (ppm)	Status
n-Propane	1.42	12.0	Pass
Iso-butane	1.42	12.0	Pass
n-Butane	1.42	12.0	Pass
Methanol	85.4	3000	Pass
Ethylene Oxide	1.14		Pass
n-Pentane	85.4	5000	Pass
Ethanol	85.4	5000	Pass
Ethyl Ether	85.4	5000	Pass
Acetone	85.4	5000	Pass
Isopropyl Alcohol	85.4	5000	Pass
Acetonitrile	85.4	410	Pass
Methylene Chloride	1.14	600	Pass
n-Hexane	85.4	290	Pass
Ethyl Acetate	85.4	5000	Pass
Chloroform	1.14	60.0	Pass
1,2-Dichloroethane	1.14	1870	Pass
Benzene	1.14		Pass
n-Heptane	85.4	5000	Pass
Trichloroethylene	1.14	80.0	Pass
Toluene	85.4	890	Pass
Total Xylenes	42.7	2170	Pass

Pesticides and Mycotoxins

✓ **PASS**

Date Started: 09/09/2025
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 09/11/2025
Method: TP-09.008.02 & TP-09.009.05

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

Analyte	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	3.44	10.0	Pass
Bifenthrin	3.44	10.0	Pass
Cyfluthrin	2.87	10.0	Pass
Etoxazole	3.44	10.0	Pass
Imazalil	3.44	10.0	Pass
Imidacloprid	3.44	10.0	Pass
Myclobutanil	3.44	10.0	Pass
Spiromesifen	4.59	10.0	Pass
Trifloxystrobin	3.44	10.0	Pass
Aflatoxin B1	3.44		
Aflatoxin B2	3.44		
Aflatoxin G1	3.44		
Aflatoxin G2	3.44		
Ochratoxin A	3.44		
Total Mycotoxins	3.44	20.0	Pass

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Yuemin Wang Kovaleff, Lab
Manager
09/13/2025

END OF REPORT

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