



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



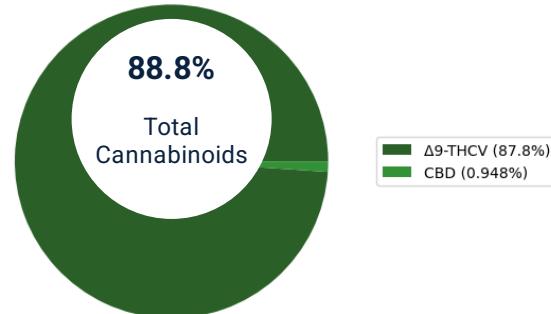
**Sample ID:** 33779  
**Sample Name:** THCV Isolate  
**Sample Type:** Isolate  
**Received Date:** 09/08/2025  
**Report Date:** 09/13/2025  
**METRC ID:** N/A  
**Client Batch ID:** HE105  
**Client Sample Size:** 5 grams



### Results Summary

Cannabinoids	TESTED
09/10/2025	
Heavy Metals	<input checked="" type="checkbox"/> PASS
09/12/2025	
Microbial Impurities	<input checked="" type="checkbox"/> PASS
09/12/2025	
Residual Solvents	<input checked="" type="checkbox"/> PASS
09/10/2025	
Pesticides and Mycotoxins	<input checked="" type="checkbox"/> PASS
09/11/2025	

### Cannabinoid Distribution (%)



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# Certificate of Analysis

## 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
<b>Total THC</b>	<b>ND</b>	<b>ND</b>	
<b>Total CBD</b>	<b>0.948</b>	<b>9.48</b>	
<b>Total Cannabinoids</b>	<b>88.8</b>	<b>888</b>	

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
<b>Total Xylenes</b>	<b>42.7</b>	<b>2170</b>	<b>Pass</b>

## 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		
<b>Total Mycotoxins</b>	<b>3.44</b>	<b>20.0</b>	<b>Pass</b>

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A handwritten signature in black ink that reads 'Yuemin Wang Kovaleff'.

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Yuemin Wang Kovaleff, Lab

Manager

09/13/2025

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## Certificate of Analysis

END OF REPORT

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