



SMITHERS

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: 42720
Sample Name: THCV Isolate
Sample Type: Isolate
Received Date: 02/20/2026
Report Date: 02/26/2026
METRC ID: N/A
Client Batch ID: HE107
Sanitization Method: None
Client Sample Size: 5 grams

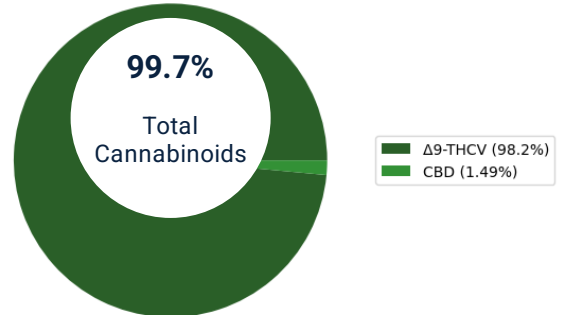
Certificate of Analysis



Results Summary

Cannabinoids	TESTED
02/22/2026	
Microbial Impurities	✓ PASS
02/25/2026	
Residual Solvents	✓ PASS
02/22/2026	
Mycotoxins	✓ PASS
02/26/2026	
Heavy Metals	✓ PASS
02/26/2026	

Cannabinoid Distribution (%)



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Cannabinoids

Date Started: 02/20/2026 Instrument: UPLC-PDA Date Completed: 02/22/2026 Method: TP-09.001.06 & TP-09.012.07 Analyst: Lana Rivera (B144852) Deviation: N/A

Table with 5 columns: Cannabinoid, Result (%), Result (mg/g), LOD (%), LOQ (%). Rows include various cannabinoids like Delta-9-THCV, CBD, CBDVA, etc., and summary rows for Total THC, Total CBD, and Total Cannabinoids.

Total THC = Delta-9-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.

Microbial Impurities

PASS

Date Started: 02/20/2026 Instrument: TEMPO & Gene-Up Date Completed: 02/25/2026 Method: TP-09.010.02 & TP-09.011.03 Analyst: Sydney Murphy (B168056) Deviation: N/A

Table with 4 columns: Microbials, Result (CFU/g), Limit (CFU/g), Status. Rows include Coliforms, Bile-Tolerant Gram-Negative Bacteria, Yeast & Mold, Aerobic Bacteria, E.coli, and Salmonella.

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Residual Solvents

PASS

Date Started: 02/20/2026
Instrument: HS-GC-MS

Date Completed: 02/22/2026
Method: TP-09.005.04

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

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	ND	0.393	1.54	12.0	Pass
Iso-butane	ND	0.258	1.54	12.0	Pass
n-Butane	ND	0.169	1.54	12.0	Pass
Methanol	ND	36.7	92.9	3000	Pass
Ethylene Oxide	ND	0.619	1.24		Pass
n-Pentane	ND	25.0	92.9	5000	Pass
Ethanol	ND	17.2	92.9	5000	Pass
Ethyl Ether	ND	23.5	92.9	5000	Pass
Acetone	ND	16.8	92.9	5000	Pass
Isopropyl Alcohol	ND	21.0	92.9	5000	Pass
Acetonitrile	ND	13.1	92.9	410	Pass
Methylene Chloride	ND	0.619	1.24	600	Pass
n-Hexane	ND	25.2	92.9	290	Pass
Ethyl Acetate	ND	14.6	92.9	5000	Pass
Chloroform	ND	0.619	1.24	60.0	Pass
1,2-Dichloroethane	ND	0.619	1.24	1870	Pass
Benzene	ND	0.619	1.24		Pass
n-Heptane	<LOQ	27.0	92.9	5000	Pass
Trichloroethylene	ND	0.619	1.24	80.0	Pass
Toluene	ND	10.7	92.9	890	Pass
Total Xylenes	ND	18.3	46.4	2170	Pass

Mycotoxins

PASS

Date Started: 02/26/2026
Instrument: LC-MS/MS

Date Completed: 02/26/2026
Method: TP-09.009.05

Analyst: Garrett Lane (B158413)
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	0.778	2.57		
Aflatoxin B2	ND	0.778	2.57		
Aflatoxin G1	ND	0.778	2.57		
Aflatoxin G2	ND	0.778	2.57		
Ochratoxin A	ND	0.778	2.57		
Total Mycotoxins	ND	0.778	2.57	20.0	Pass

Heavy Metals

PASS

Date Started: 02/26/2026
Instrument: ICP-MS

Date Completed: 02/26/2026
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	11.4	77.3	200	Pass
Cadmium	ND	6.86	77.3	200	Pass
Lead	ND	6.31	77.3	500	Pass
Mercury	ND	5.50	38.7	100	Pass

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Eric Steele, Lab Director
02/26/2026

END OF REPORT

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