



Smithers AMS LLC
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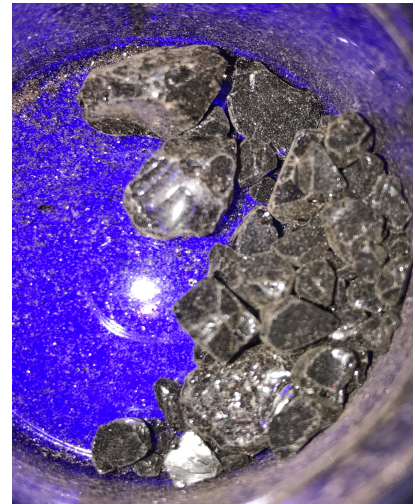


Customer: The Healing Rose
Address:
23 Hale St
Newburyport MA 01950
Phone: 978-409-1091
License #: MDAR 25190109P



Sample ID: 12121
Sample Name: THCV Distillate
Sample Type: Concentrate
Received Date: 04/15/2024
Report Date: 04/19/2024
METRC ID: N/A
Client Batch ID: HE76
Client Sample Size: 5 g

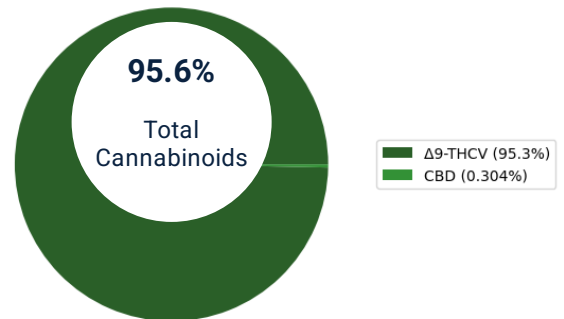
Certificate of Analysis



Results Summary

Cannabinoids	TESTED
04/16/2024	
Heavy Metals	✓ PASS
04/18/2024	
Microbial Impurities	✓ PASS
04/18/2024	
Residual Solvents	✓ PASS
04/19/2024	
Mycotoxins	✓ PASS
04/19/2024	

Cannabinoid Distribution (%)



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Certificate of Analysis

Cannabinoids

Date Started: 04/15/2024
Instrument: UPLC-PDA

Date Completed: 04/16/2024
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yueming Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
Δ9-THCV	95.3	953	0.892
CBD	0.304	3.04	0.111
CBDVA	ND	ND	0.0446
CBDV	ND	ND	0.0446
CBDA	ND	ND	0.111
CBGA	ND	ND	0.0557
CBG	ND	ND	0.0557
Δ8-THCV	ND	ND	0.0446
THCVA	ND	ND	0.0446
CBN	ND	ND	0.0557
CBNA	ND	ND	0.0446
Exo-THC	ND	ND	0.0446
Δ9-THC	ND	ND	0.111
Δ8-THC	ND	ND	0.0557
CBL	ND	ND	0.0446
THCA-A	ND	ND	0.111
CBC	ND	ND	0.0446
CBCA	ND	ND	0.0446
Total THC	ND	ND	
Total CBD	0.304	3.04	
Total Cannabinoids	95.6	956	

Total THC = Δ9-THC + (THCA-A 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: 04/16/2024
Instrument: ICP-MS

Date Completed: 04/18/2024
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	53.7	200	Pass
Cadmium	53.7	200	Pass
Lead	53.7	500	Pass
Mercury	26.9	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 04/15/2024
Instrument: TEMPO & Gene-Up

Date Completed: 04/18/2024
Method: TP-09.010.01 & TP-09.011.01

Analyst: Meagan Mattos
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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Certificate of Analysis

Residual Solvents

✓ **PASS**

Date Started: 04/15/2024
Instrument: HS-GC-MS

Date Completed: 04/19/2024
Method: TP-09.005.03

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Residual Solvent	LOQ (ppm)	Limit (ppm)	Status
n-Propane	1.25	12.0	Pass
Iso-butane	1.25	12.0	Pass
n-Butane	1.25	12.0	Pass
Methanol	75.4	3000	Pass
Ethylene Oxide	1.00		Pass
n-Pentane	75.4	5000	Pass
Ethanol	75.4	5000	Pass
Ethyl Ether	75.4	5000	Pass
Acetone	75.4	5000	Pass
Isopropyl Alcohol	75.4	5000	Pass
Acetonitrile	75.4	410	Pass
Methylene Chloride	1.00	600	Pass
n-Hexane	75.4	290	Pass
Ethyl Acetate	75.4	5000	Pass
Chloroform	1.00	60.0	Pass
1,2-Dichloroethane	1.00	1870	Pass
Benzene	1.00		Pass
n-Heptane	75.4	5000	Pass
Trichloroethylene	1.00	80.0	Pass
Toluene	75.4	890	Pass
Total Xylenes	37.7	2170	Pass

Mycotoxins

✓ **PASS**

Date Started: 04/16/2024
Instrument: LC-MS/MS

Date Completed: 04/19/2024
Method: TP-09.009.04

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.63		
Aflatoxin B2	3.48		
Aflatoxin G1	3.48		
Aflatoxin G2	4.63		
Ochratoxin A	3.48		
Total Mycotoxins	3.48	20.0	Pass



Eric Steele, Lab Director
 04/19/2024

END OF REPORT

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