



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

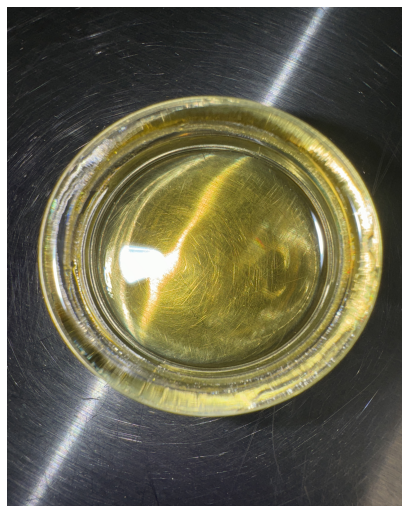
Phone: 978-409-1091

License #: MDAR 25190109P



Sample ID: 11283  
Sample Name: CBC Distillate  
Sample Type: Concentrate  
Received Date: 03/12/2024  
Report Date: 03/16/2024  
METRC ID: N/A  
Client Batch ID: HE72  
Client Sample Size: 5 g

## Certificate of Analysis



### Results Summary

#### Cannabinoids

03/15/2024

TESTED

#### Terpenes

03/15/2024

TESTED

#### Heavy Metals

03/15/2024

✓ PASS

#### Microbial Impurities

03/16/2024

✓ PASS

#### Residual Solvents

03/13/2024

✓ PASS

#### Mycotoxins

03/15/2024

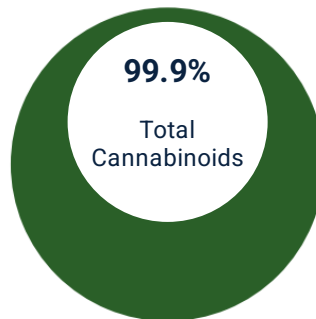
✓ PASS

#### Pesticides

03/15/2024

✓ PASS

### Cannabinoid Distribution (%)



CBC (99.9%)

### Terpene Distribution (%)

0.0%

Total  
Terpenes

□

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Report Number: 11283.V1

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## Cannabinoids

**Date Started:** 03/13/2024  
**Instrument:** UPLC-PDA

**Date Completed:** 03/15/2024  
**Method:** TP-09.001.05 & TP-09.012.05

**Analyst:** Yüemin Wang Kovaleff  
**Deviation:** N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBC	99.95	999	0.938
CBDVA	ND	ND	0.0469
CBDV	ND	ND	0.0469
CBDA	ND	ND	0.117
CBGA	ND	ND	0.0586
CBG	ND	ND	0.0586
CBD	ND	ND	0.117
Δ9-THCV	ND	ND	0.0469
Δ8-THCV	ND	ND	0.0469
THCVA	ND	ND	0.0469
CBN	ND	ND	0.0586
CBNA	ND	ND	0.0469
Exo-THC	ND	ND	0.0469
Δ9-THC	ND	ND	0.117
Δ8-THC	ND	ND	0.0586
CBL	ND	ND	0.0469
THCA-A	ND	ND	0.117
CBCA	ND	ND	0.0469
<b>Total THC</b>	<b>ND</b>	<b>ND</b>	
<b>Total CBD</b>	<b>ND</b>	<b>ND</b>	
<b>Total Cannabinoids</b>	<b>99.95</b>	<b>999</b>	

**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.

# Certificate of Analysis

## Terpenes

**Date Started:** 03/13/2024  
**Instrument:** GC-MS

**Date Completed:** 03/15/2024  
**Method:** TP-09.004.03

**Analyst:** Yuemin Wang Kovaleff  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOQ (%)
alpha-Pinene	ND	ND	0.0123
Camphene	ND	ND	0.0123
beta-Pinene	ND	ND	0.0123
beta-Myrcene	ND	ND	0.0123
E-beta-Ocimene	ND	ND	0.0123
D-Limonene	ND	ND	0.0123
Linalool	ND	ND	0.0123
Isopulegol	ND	ND	0.0123
Geraniol	ND	ND	0.0123
E-Caryophyllene	ND	ND	0.0123
alpha-Humulene	ND	ND	0.0123
Z-Nerolidol	ND	ND	0.0123
E-Nerolidol	ND	ND	0.0123
Guaiol	ND	ND	0.0123
Carophyllene Oxide	ND	ND	0.0123
alpha-Bisabolol	ND	ND	0.0123
Eucalyptol	ND	ND	0.0123
delta-3-Carene	ND	ND	0.0123
alpha-Terpinene	ND	ND	0.0123
Z-beta-Ocimene	ND	ND	0.0123
gamma-Terpinene	ND	ND	0.0123
Terpinolene	ND	ND	0.0123

## Heavy Metals

✓ **PASS**

**Date Started:** 03/13/2024  
**Instrument:** ICP-MS

**Date Completed:** 03/15/2024  
**Method:** TP-09.007.01

**Analyst:** Meagan Mattos  
**Deviation:** N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	52.8	200	Pass
Cadmium	52.8	200	Pass
Lead	52.8	500	Pass
Mercury	26.4	100	Pass

## Microbial Impurities

✓ **PASS**

**Date Started:** 03/12/2024  
**Instrument:** TEMPO & Gene-Up

**Date Completed:** 03/16/2024  
**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:** 03/12/2024  
**Instrument:** HS-GC-MS

**Date Completed:** 03/13/2024  
**Method:** TP-09.005.03

**Analyst:** Yuemin Wang Kovaleff  
**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	85.5	3000	Pass
Ethylene Oxide	1.14		Pass
n-Pentane	85.5	5000	Pass
Ethanol	85.5	5000	Pass
Ethyl Ether	85.5	5000	Pass
Acetone	85.5	5000	Pass
Isopropyl Alcohol	85.5	5000	Pass
Acetonitrile	85.5	410	Pass
Methylene Chloride	1.14	600	Pass
n-Hexane	85.5	290	Pass
Ethyl Acetate	85.5	5000	Pass
Chloroform	1.14	60.0	Pass
1,2-Dichloroethane	1.14	1870	Pass
Benzene	1.14		Pass
n-Heptane	85.5	5000	Pass
Trichloroethylene	1.14	80.0	Pass
Toluene	85.5	890	Pass
<b>Total Xylenes</b>	<b>42.8</b>	<b>2170</b>	<b>Pass</b>

## Mycotoxins

✓ **PASS**

**Date Started:** 03/12/2024  
**Instrument:** LC-MS/MS

**Date Completed:** 03/15/2024  
**Method:** TP-09.009.04

**Analyst:** Yuemin Wang Kovaleff  
**Deviation:** N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.25		
Aflatoxin B2	3.19		
Aflatoxin G1	3.19		
Aflatoxin G2	4.25		
Ochratoxin A	3.19		
<b>Total Mycotoxins</b>	<b>3.19</b>	<b>20.0</b>	<b>Pass</b>

# Certificate of Analysis

## Pesticides

✓ PASS

Date Started: 03/12/2024

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

Date Completed: 03/15/2024

Method: TP-09.008.02 & TP-09.009.04

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Pesticide	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	3.19	10.0	Pass
Bifenthrin	3.19	10.0	Pass
Cyfluthrin	2.66	10.0	Pass
Etoxazole	3.19	10.0	Pass
Imazalil	3.19	10.0	Pass
Imidacloprid	3.19	10.0	Pass
Myclobutanil	3.19	10.0	Pass
Spiromesifen	3.19	10.0	Pass
Trifloxystrobin	3.19	10.0	Pass



Eric Steele, Lab Director  
03/16/2024

END OF REPORT