



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



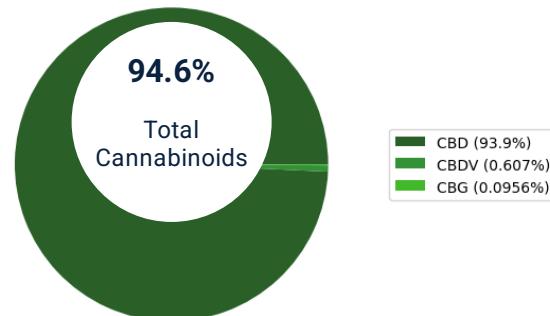
**Sample ID:** 24771  
**Sample Name:** Broad Spectrum CBD Distillate -Organic  
**Sample Type:** Concentrate  
**Received Date:** 03/10/2025  
**Report Date:** 03/15/2025  
**METRC ID:** N/A  
**Client Batch ID:** HE92  
**Client Sample Size:** 5 grams



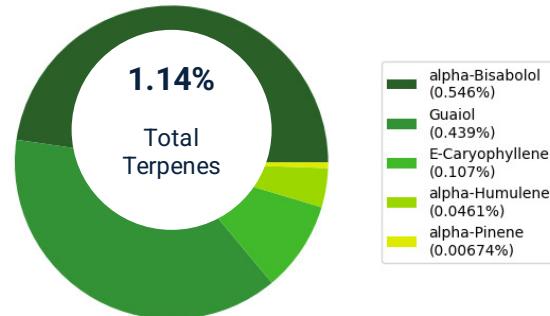
## Results Summary

Cannabinoids	TESTED
03/14/2025	
Terpenes	TESTED
03/14/2025	
Heavy Metals	<input checked="" type="checkbox"/> PASS
03/12/2025	
Microbial Impurities	<input checked="" type="checkbox"/> PASS
03/14/2025	
Residual Solvents	<input checked="" type="checkbox"/> PASS
03/13/2025	
Pesticides and Mycotoxins	<input checked="" type="checkbox"/> PASS
03/13/2025	

### Cannabinoid Distribution (%)



### Terpene Distribution (%)



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## Cannabinoids

**Date Started:** 03/12/2025  
**Instrument:** UPLC-PDA

**Date Completed:** 03/14/2025  
**Method:** TP-09.001.05 & TP-09.012.05

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

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBD	93.9	939	1.41
CBDV	0.607	6.07	0.0562
CBG	0.0956	0.956	0.0703
CBDVA	ND	ND	0.0562
CBDA	ND	ND	0.141
CBGA	ND	ND	0.0703
Δ9-THCV	ND	ND	0.0562
Δ8-THCV	ND	ND	0.0562
THCVA	ND	ND	0.0562
CBN	ND	ND	0.0703
CBNA	ND	ND	0.0562
Exo-THC	ND	ND	0.0562
Δ9-THC	ND	ND	0.141
Δ8-THC	ND	ND	0.0703
CBL	ND	ND	0.0562
THCA	ND	ND	0.141
CBC	ND	ND	0.0562
CBCA	ND	ND	0.0562
<b>Total THC</b>	<b>ND</b>	<b>ND</b>	
<b>Total CBD</b>	<b>93.9</b>	<b>939</b>	
<b>Total Cannabinoids</b>	<b>94.6</b>	<b>946</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.

## Terpenes

**Date Started:** 03/12/2025  
**Instrument:** GC-MS

**Date Completed:** 03/14/2025  
**Method:** TP-09.004.03

**Analyst:** Garrett Lane  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOQ (%)
alpha-Bisabolol	0.546	5.46	0.0138
Guaiol	0.439	4.39	0.0138
E-Caryophyllene	0.107	1.07	0.0138
alpha-Humulene	0.0461	0.461	0.0138
alpha-Pinene	<LOQ	<LOQ	0.0138
Camphehe	ND	ND	0.0138
beta-Pinene	ND	ND	0.0138
beta-Myrcene	ND	ND	0.0138
E-beta-Ocimene	ND	ND	0.0138
D-Limonene	ND	ND	0.0138
Linalool	ND	ND	0.0138
Isopulegol	ND	ND	0.0138
Geraniol	ND	ND	0.0138
Z-Nerolidol	ND	ND	0.0138
E-Nerolidol	ND	ND	0.0138
Carophyllene Oxide	ND	ND	0.0138
Eucalyptol	ND	ND	0.0138
delta-3-Carene	ND	ND	0.0138
alpha-Terpinene	ND	ND	0.0138
Z-beta-Ocimene	ND	ND	0.0138
gamma-Terpinene	ND	ND	0.0138
Terpinolene	ND	ND	0.0138
<b>Total Terpenes</b>	<b>1.14</b>	<b>11.4</b>	

## Heavy Metals

 **PASS**

**Date Started:** 03/11/2025  
**Instrument:** ICP-MS

**Date Completed:** 03/12/2025  
**Method:** TP-09.007.01

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

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	77.4	200	Pass
Cadmium	77.4	200	Pass
Lead	77.4	500	Pass
Mercury	38.7	100	Pass

## Microbial Impurities

 **PASS**

**Date Started:** 03/10/2025  
**Instrument:** TEMPO & Gene-Up

**Date Completed:** 03/14/2025  
**Method:** TP-09.010.01 & TP-09.011.01

**Analyst:** Sydney Murphy  
**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: 03/11/2025

Instrument: HS-GC-MS

Date Completed: 03/13/2025

Method: TP-09.005.03

Analyst: Garrett Lane

Deviation: N/A

Residual Solvent	LOQ (ppm)	Limit (ppm)	Status
n-Propane	1.58	12.0	Pass
Iso-butane	1.58	12.0	Pass
n-Butane	1.58	12.0	Pass
Methanol	95.2	3000	Pass
Ethylene Oxide	1.27		Pass
n-Pentane	95.2	5000	Pass
Ethanol	95.2	5000	Pass
Ethyl Ether	95.2	5000	Pass
Acetone	95.2	5000	Pass
Isopropyl Alcohol	95.2	5000	Pass
Acetonitrile	95.2	410	Pass
Methylene Chloride	1.27	600	Pass
n-Hexane	95.2	290	Pass
Ethyl Acetate	95.2	5000	Pass
Chloroform	1.27	60.0	Pass
1,2-Dichloroethane	1.27	1870	Pass
Benzene	1.27		Pass
n-Heptane	95.2	5000	Pass
Trichloroethylene	1.27	80.0	Pass
Toluene	95.2	890	Pass
<b>Total Xylenes</b>	<b>47.6</b>	<b>2170</b>	<b>Pass</b>

## Pesticides and Mycotoxins

PASS

Date Started: 03/10/2025

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

Date Completed: 03/13/2025

Method: TP-09.008.02 & TP-09.009.04

Analyst: Lana Rivera

Deviation: N/A

Analyte	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	3.66	10.0	Pass
Bifenthrin	3.66	10.0	Pass
Cyfluthrin	3.05	10.0	Pass
Etoxazole	3.66	10.0	Pass
Imazalil	3.66	10.0	Pass
Imidacloprid	3.66	10.0	Pass
Myclobutanil	3.66	10.0	Pass
Spiromesifen	3.66	10.0	Pass
Trifloxystrobin	3.66	10.0	Pass
Aflatoxin B1	4.88		
Aflatoxin B2	3.66		
Aflatoxin G1	3.66		
Aflatoxin G2	4.88		
Ochratoxin A	3.66		
<b>Total Mycotoxins</b>	<b>3.66</b>	<b>20.0</b>	<b>Pass</b>

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Eric Steele, Lab Director  
03/15/2025

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## Certificate of Analysis

END OF REPORT

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