



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



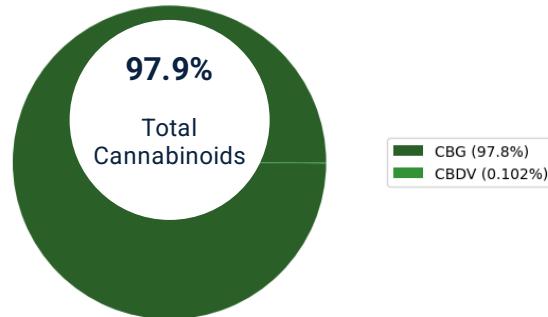
Sample ID: 10103
Sample Name: CBG Isolate
Sample Type: Isolate
Received Date: 01/22/2024
Report Date: 01/26/2024
METRC ID: N/A
Client Batch ID: HE71
Client Sample Size: 5 g



Results Summary

Cannabinoids	TESTED
01/23/2024	
Heavy Metals	<input checked="" type="checkbox"/> PASS
01/23/2024	
Microbial Impurities	<input checked="" type="checkbox"/> PASS
01/25/2024	
Residual Solvents	<input checked="" type="checkbox"/> PASS
01/26/2024	
Mycotoxins	<input checked="" type="checkbox"/> PASS
01/25/2024	

Cannabinoid Distribution (%)



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Certificate of Analysis

Cannabinoids

Date Started: 01/23/2024

Instrument: UPLC-PDA

Date Completed: 01/23/2024

Method: TP-09.001.05 & TP-09.012.05

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOQ (%)
CBG	97.8	978	1.01
CBDV	0.102	1.02	0.0405
CBDVA	ND	ND	0.0405
CBDA	ND	ND	0.101
CBGA	ND	ND	0.0506
CBD	ND	ND	0.101
Δ9-THCV	ND	ND	0.0405
Δ8-THCV	ND	ND	0.0405
THCVA	ND	ND	0.0405
CBN	ND	ND	0.0506
CBNA	ND	ND	0.0405
Exo-THC	ND	ND	0.0405
Δ9-THC	ND	ND	0.101
Δ8-THC	ND	ND	0.0506
CBL	ND	ND	0.0405
THCA-A	ND	ND	0.101
CBC	ND	ND	0.0405
CBCA	ND	ND	0.0405
Total THC	ND	ND	
Total CBD	ND	ND	
Total Cannabinoids	97.9	979	

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: 01/23/2024

Instrument: ICP-MS

Date Completed: 01/23/2024

Method: TP-09.007.01

Analyst: Meagan Mattos

Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	45.4	200	Pass
Cadmium	45.4	200	Pass
Lead	45.4	500	Pass
Mercury	22.7	100	Pass

Microbial Impurities

PASS

Date Started: 01/22/2024

Instrument: TEMPO & Gene-Up

Date Completed: 01/25/2024

Method: TP-09.010.01 & TP-09.011.01

Analyst: Lana Rivera

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: 01/24/2024

Instrument: HS-GC-MS

Date Completed: 01/26/2024

Method: TP-09.005.03

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Residual Solvent	LOQ (ppm)	Limit (ppm)	Status
n-Propane	1.44	12.0	Pass
Iso-butane	1.44	12.0	Pass
n-Butane	1.44	12.0	Pass
Methanol	86.3	3000	Pass
Ethylene Oxide	0.575		Pass
n-Pentane	86.3	5000	Pass
Ethanol	86.3	5000	Pass
Ethyl Ether	86.3	5000	Pass
Acetone	86.3	5000	Pass
Isopropyl Alcohol	86.3	5000	Pass
Acetonitrile	86.3	410	Pass
Methylene Chloride	0.575	600	Pass
n-Hexane	86.3	290	Pass
Ethyl Acetate	86.3	5000	Pass
Chloroform	0.575	60.0	Pass
1,2-Dichloroethane	0.575	1870	Pass
Benzene	0.575		Pass
n-Heptane	86.3	5000	Pass
Trichloroethylene	0.575	80.0	Pass
Toluene	86.3	890	Pass
Total Xylenes	43.1	2170	Pass

Mycotoxins

PASS

Date Started: 01/23/2024

Instrument: LC-MS/MS

Date Completed: 01/25/2024

Method: TP-09.009.04

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.49		
Aflatoxin B2	3.36		
Aflatoxin G1	3.36		
Aflatoxin G2	4.49		
Ochratoxin A	3.36		
Total Mycotoxins	3.36	20.0	Pass

Eric Steele, Lab Director
01/26/2024

END OF REPORT

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