



Smithers AMS LLC
 790 Main St
 Wareham, MA 02571
 License #: IL281355
 Phone: 508-295-2550

Certificate of Analysis



Customer: Real Isolates LLC

Address:

48 Dunham Ridge Rd
 Beverly MA 01915

Phone: 781-757-1996

License #: 25220200P



Sample ID: 23523
Sample Name: MAC BOTER TOPICAL
Sample Type: Topical
Received Date: 02/11/2025
Report Date: 02/15/2025
METRC ID: N/A
Client Batch ID: C-250203-MACA
Unit Weight (g): 42.5

Results Summary

Cannabinoids Extended TESTED

02/12/2025

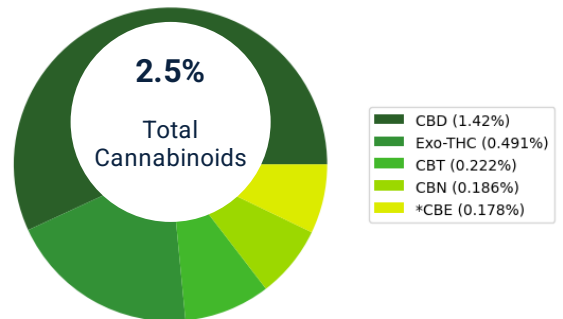
Microbial Impurities PASS

02/15/2025

Mycotoxins PASS

02/14/2025

Cannabinoid Distribution (%)



Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.





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Certificate of Analysis

Cannabinoids Extended

Date Started: 02/11/2025
Instrument: UPLC-PDA

Date Completed: 02/12/2025
Method: TP-09.001.05 & TP-09.013.01

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/unit)	LOQ (mg/unit)
CBD	1.42	604	0.139
Exo-THC	0.491	209	0.0791
CBT	0.222	94.4	0.0198
CBN	0.186	79.1	0.0198
*CBE	0.178	75.7	0.0198
CBDVA	ND	ND	0.0198
CBDV	ND	ND	0.0198
CBDA	ND	ND	0.0346
CBGA	ND	ND	0.0198
CBG	ND	ND	0.0198
Δ9-THCV	ND	ND	0.0198
Δ8-THCV	ND	ND	0.0198
THCVA	ND	ND	0.0198
CBNA	ND	ND	0.0198
Δ9-THC	ND	ND	0.0346
Δ8-THC	ND	ND	0.0198
CBL	ND	ND	0.0198
THCA	ND	ND	0.0346
CBC	ND	ND	0.0198
CBCA	ND	ND	0.0198
CBLA	ND	ND	0.0198
*CBND	ND	ND	0.0198
Total THC	ND	ND	
Total CBD	1.42	604	
Total Cannabinoids	2.50	1062	

*CBND and CBE are not currently included on the ISO 17025 accreditation scope

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.

Microbial Impurities

PASS

Date Started: 02/11/2025
Instrument: TEMPO & Gene-Up

Date Completed: 02/15/2025
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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Mycotoxins

PASS

Date Started: 02/12/2025
Instrument: LC-MS/MS

Date Completed: 02/14/2025
Method: TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	5.09		
Aflatoxin B2	3.82		
Aflatoxin G1	3.82		
Aflatoxin G2	5.09		
Ochratoxin A	3.82		
Total Mycotoxins	3.82	20.0	Pass

Eric Steele, Lab Director
02/15/2025

END OF REPORT

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