



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: 25400

Sample Name: Tincture 2.0

Sample Type: Tincture

Received Date: 03/26/2025

Report Date: 03/31/2025

METRC ID: N/A

Client Batch ID: C-250321-TMX-A

Client Sample Size: 20 milliliters

Unit Weight (g): 0.5

Results Summary

Cannabinoids Extended TESTED

03/31/2025

Heavy Metals PASS

03/29/2025

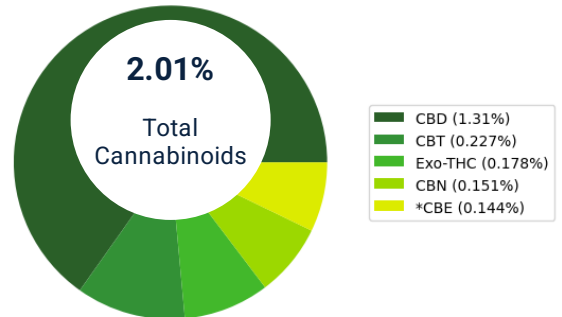
Microbial Impurities PASS

03/29/2025

Mycotoxins PASS

03/29/2025

Cannabinoid Distribution (%)



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Cannabinoids Extended

Date Started: 03/27/2025
Instrument: UPLC-PDA

Date Completed: 03/31/2025
Method: TP-09.001.05 & TP-09.013.01

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/serving)	Result (mg/package)	LOQ (mg/serving)
CBD	1.31	6.55	393	0.271
CBT	0.227	1.13	68.0	0.0387
Exo-THC	0.178	0.890	53.4	0.0387
CBN	0.151	0.755	45.3	0.0387
*CBE	0.144	0.720	43.2	0.0387
CBDVA	ND	ND	ND	0.0387
CBDV	ND	ND	ND	0.0387
CBDA	ND	ND	ND	0.0676
CBGA	ND	ND	ND	0.0387
CBG	ND	ND	ND	0.0387
Δ9-THCV	ND	ND	ND	0.0387
Δ8-THCV	ND	ND	ND	0.0387
THCVA	ND	ND	ND	0.0387
CBNA	ND	ND	ND	0.0387
Δ9-THC	ND	ND	ND	0.0676
Δ8-THC	ND	ND	ND	0.0387
CBL	ND	ND	ND	0.0387
THCA	ND	ND	ND	0.0676
CBC	ND	ND	ND	0.0387
CBCA	ND	ND	ND	0.0387
CBLA	ND	ND	ND	0.0387
*CBND	ND	ND	ND	0.0387
Total THC	ND	ND	ND	
Total CBD	1.31	6.55	393	
Total Cannabinoids	2.01	10.0	603	

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.

Heavy Metals

PASS

Date Started: 03/28/2025
Instrument: ICP-MS

Date Completed: 03/29/2025
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	LOQ (ppb)	Limit (ppb)	Status
Arsenic	79.6	200	Pass
Cadmium	79.6	200	Pass
Lead	79.6	500	Pass
Mercury	39.8	100	Pass

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Microbial Impurities

✓ PASS

Date Started: 03/26/2025
Instrument: TEMPO & Gene-Up

Date Completed: 03/29/2025
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

Mycotoxins

✓ PASS

Date Started: 03/27/2025
Instrument: LC-MS/MS

Date Completed: 03/29/2025
Method: TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.04		
Aflatoxin B2	3.03		
Aflatoxin G1	3.03		
Aflatoxin G2	4.04		
Ochratoxin A	3.03		
Total Mycotoxins	3.03	20.0	Pass

Eric Steele, Lab Director
03/31/2025

END OF REPORT

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