



SMITHERS

Smithers AMS LLC

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

Certificate of Analysis



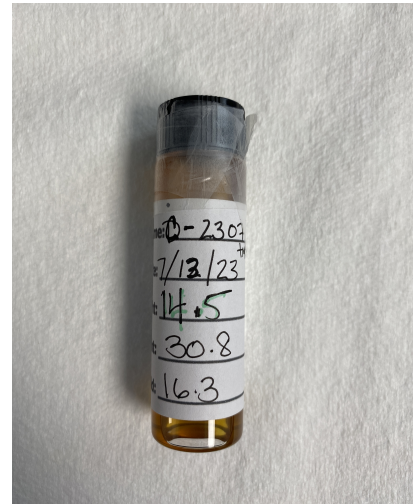
Customer: Real Isolates LLC

Address:

48 Dunham Ridge Rd
Beverly MA 01915

Phone: 781-757-1996

License #: 25220200P

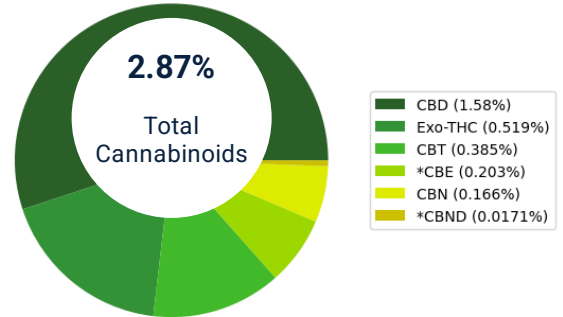


Sample ID: 6184
Sample Name: C-230713-TMX-A-1
Sample Type: Tincture
Received Date: 07/18/2023
Report Date: 07/24/2023
METRC ID: N/A
Client Batch ID: C-230713-TMX-A-1
Client Sample Size: 16.3 g
Unit Weight (g): 28.35

Results Summary

Cannabinoids Extended 07/24/2023	TESTED
Microbial Impurities 07/21/2023	✓ PASS
Mycotoxins 07/21/2023	✓ PASS

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.





SMITHERS

Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

Certificate of Analysis

Cannabinoids Extended

Date Started: 07/18/2023

Instrument: UPLC-PDA

Date Completed: 07/24/2023

Method: TP-09.001.03 & TP-09.013.01

Analyst: Yuemin Wang Kovaleff

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/unit)	LOQ (mg/unit)
CBD	1.58	448	0.228
Exo-THC	0.519	147	0.131
CBT	0.385	109	0.131
*CBE	0.203	57.5	0.131
CBN	0.166	47.1	0.131
*CBND	0.0171	4.85	0.00787
CBDVA	ND	ND	0.00787
CBDV	ND	ND	0.00787
CBDA	ND	ND	0.0138
CBGA	ND	ND	0.00787
CBG	ND	ND	0.00787
Δ9-THCV	ND	ND	0.00787
Δ8-THCV	ND	ND	0.00787
THCVA	ND	ND	0.00787
CBNA	ND	ND	0.00787
Δ9-THC	ND	ND	0.0138
Δ8-THC	ND	ND	0.00787
CBL	ND	ND	0.00787
THCA-A	ND	ND	0.0138
CBC	ND	ND	0.00787
CBCA	ND	ND	0.00787
CBLA	ND	ND	0.00787
Total THC	ND	ND	
Total CBD	1.58	448	
Total Cannabinoids	2.87	814	

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

Total THC = Δ9-THC + Δ8-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.

Microbial Impurities

PASS

Date Started: 07/18/2023

Instrument: TEMPO & Gene-Up

Date Completed: 07/21/2023

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

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.





SMITHERS

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

Certificate of Analysis

Mycotoxins

PASS

Date Started: 07/19/2023
Instrument: LC-MS/MS

Date Completed: 07/21/2023
Method: TP-09.009.01

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.54		
Aflatoxin B2	3.40		
Aflatoxin G1	3.40		
Aflatoxin G2	4.54		
Ochratoxin A	3.40		
Total Mycotoxins	3.40	20.0	Pass

Eric Steele, Lab Director
07/24/2023

END OF REPORT

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.

