



SMITHERS

Smithers AMS LLC

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

Certificate of Analysis



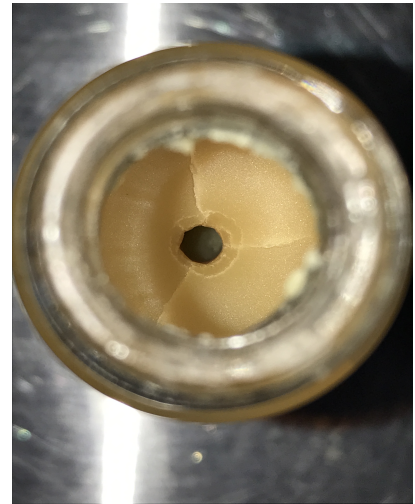
Customer: Real Isolates LLC

Address:

48 Dunham Ridge Rd
Beverly MA 01915

Phone: 781-757-1996

License #: 25220200P

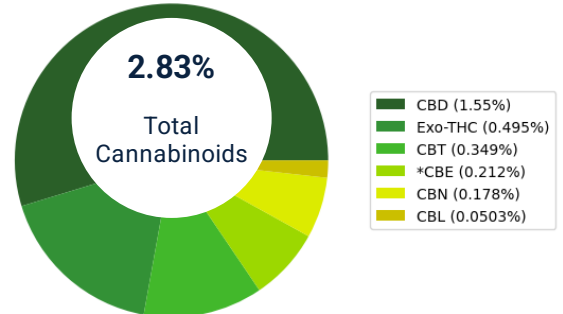


Sample ID: 6206
Sample Name: C-230718-BBX-D
Sample Type: Topical
Received Date: 07/21/2023
Report Date: 07/26/2023
METRC ID: N/A
Client Batch ID: C-230718-BBX-D
Client Sample Size: 13.9 g
Unit Weight (g): 28.35

Results Summary

Cannabinoids Extended 07/26/2023	TESTED
Microbial Impurities 07/24/2023	✓ PASS
Mycotoxins 07/25/2023	✓ PASS

Cannabinoid Distribution (%)



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Cannabinoids Extended

Date Started: 07/24/2023
Instrument: UPLC-PDA

Date Completed: 07/26/2023
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	1.55	440	0.251
Exo-THC	0.495	140	0.143
CBT	0.349	99.0	0.143
*CBE	0.212	60.1	0.143
CBN	0.178	50.3	0.143
CBL	<LOQ	<LOQ	0.143
CBDVA	ND	ND	0.143
CBDV	ND	ND	0.143
CBDA	ND	ND	0.251
CBGA	ND	ND	0.143
CBG	ND	ND	0.143
Δ9-THCV	ND	ND	0.143
Δ8-THCV	ND	ND	0.143
THCVA	ND	ND	0.143
CBNA	ND	ND	0.143
Δ9-THC	ND	ND	0.251
Δ8-THC	ND	ND	0.143
THCA-A	ND	ND	0.251
CBC	ND	ND	0.143
CBCA	ND	ND	0.143
CBLA	ND	ND	0.143
*CBND	ND	ND	0.143
Total THC	ND	ND	
Total CBD	1.55	440	
Total Cannabinoids	2.83	804	

*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: 07/21/2023
Instrument: TEMPO & Gene-Up

Date Completed: 07/24/2023
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

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Mycotoxins

PASS

Date Started: 07/24/2023
Instrument: LC-MS/MS

Date Completed: 07/25/2023
Method: TP-09.009.01

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Mycotoxins	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	4.73		
Aflatoxin B2	3.55		
Aflatoxin G1	3.55		
Aflatoxin G2	4.73		
Ochratoxin A	3.55		
Total Mycotoxins	3.55	20.0	Pass

Eric Steele, Lab Director
07/26/2023

END OF REPORT

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