

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 11/30/2023

Sample Name: Limonene MCT Drops

APRC #: BG231201B

Sample Matrix: Tincture

Sample Lot: PR.231129

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	12-01-2023
Microbial: Quantitative Bacteria/Yeast/ Mold	Tested	12-07-2023
Terpene Quantitation	Tested	12-01-2023



Accreditation #115229

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Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: Limonene MCT Drops

APRC Lot Number: BG231201B

Cannabinoid	RT	Total %	Total mg/g
Cannabidivarinic Acid (CBDVA)	ND	ND	ND
Cannabidivarin (CBDV)	ND	ND	ND
Cannabidiolic Acid (CBDA)	ND	ND	ND
Cannabigerolic Acid (CBGA)	ND	ND	ND
Cannabinol (CBN)	ND	ND	ND
Cannabidiol (CBD)	3.32	0.02	0.16
Cannabigerol (CBG)	3.16	0.10	0.97
Tetrahydrocannabivarin (THCV)	3.59	0.02	0.24
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	6.03	4.16	41.59
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	7.53	0.04	0.41
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ 10 and Δ 6a,10a-Tetrahydrocannabinol	ND	ND	ND

Performed by: Sujan Timsina

Reviewed by: Sophie Pearson

	%	mg/g
Total Cannabinoids	4.34	43.37
Total THC ^t	4.16	41.59
Total CBD ^s	0.02	0.16

^tTotal Thc is calculated by Δ 9-THC + (THCA-A*0.877)

^sTotal CBD is calculated by CBD + (CBDA*0.877)

LOD > 0.005% by mass, LOQ > 0.01% by mass

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01

Sample Name: Limonene MCT Drops

APRC Lot Number: BG231201B

Total Counts			
Microbial Group:	Result (CFU/g):	Specification:	Disposition:
Total Aerobic Bacteria	<10	≤10,000	Pass
Total Yeast and Mold	10	≤1,000	Pass

Specific Organism Identification			
Microbial Organism:	Result:	Specification:	Disposition:
Aspergillus flavus	NT	Not Tested	Not Tested
Aspergillus fumigatus	NT	Not Tested	Not Tested
Aspergillus niger	NT	Not Tested	Not Tested
Aspergillus terreus	NT	Not Tested	Not Tested
E. coli	ND	Not Detected	Pass
STEC	ND	Report Only	Tested
Salmonella - Specific Gene	ND	Not Detected	Pass
Staphylococcus aureus	ND	Not Detected	Pass
Pseudomonas aeruginosa	ND	Report Only	Tested

Performed by: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Sophie Pearson

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: Limonene MCT Drops

APRC Lot Number: BG231201B

Analyte	Total % (w/w)	Total (mg/g)
α -Pinene	0.029	0.291
Camphene	0.006	0.061
Sabinene	ND	ND
β -pinene	0.062	0.620
Myrcene	0.042	0.420
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.353	3.534
cis- β -Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans- β -Ocimene	ND	ND
γ -Terpinene	ND	ND
Sabinine Hydrate	ND	ND
terpinolene	0.005	0.045
Linalool	0.184	1.844
Fenchyl Alcohol	0.053	0.532
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	ND	ND

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
alpha-Terpineol	ND	ND
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	1.257	12.567
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	0.404	4.041
Valencene	0.021	0.206
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α -Bisabolol	0.075	0.753
Farneseol	0.007	0.068
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	2.498	24.983

Performed by: Anil Rokaya

Reviewed by: Sophie Pearson



Approved By:

William A. Deutschman, Ph.D.
Laboratory Director - APRC Lehi
12/07/2023