Aromatic Plant Research Center
230 N 1200 E STE 100
Lehi, UT 84043
www.aromaticplant.org

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 09/06/2024
APRC #: BG240909A

Sample Name: Myrcene+Terpineol Drops
Sample Matrix: Tincture
Sample Lot: PR.240905

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	09-10-2024
Microbial: Quantitative and Pathogen Detection Combo	Tested	09-10-2024
Terpene Quantitation	Tested	09-09-2024

PJLA Testing

Accreditation #115229
Aromatic Plant Research Center is an ISO 17025:2017 certified laboratory.

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Instrument Analysis Report

Potency

Method: SOP 1-2026.03 Sample Name: Myrcene+Terpineol Drops APRC Lot Number: BG240909A

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)	5.33	0.03	0.35
Cannabidiol (CBD)	3.57	0.02	0.15
Cannabigerol (CBG)	3.37	0.09	0.89
Tetrahydrocannabivarin (THCV)	3.89	0.02	0.22
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ9-THC)	6.74	3.99	39.92
Delta-8-Tetrahydrocannabinol (Δ8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	8.49	0.05	0.46
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ10 and Δ6a,10a-Tetrahydrocannabinol, mixed isomers	ND	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabidiol	NT	NT	NT
(6aR,9S)-Δ10-Tetrahydrocannabidiol	NT	NT	NT
9(R+S)-Δ6a,10a-Tetrahydrocannabidiol	NT	NT	NT
Cannabicitran (CBTC)	ND	ND	ND

Performed by: Samikshya Neupane

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	4.20	42.00
Total THC[t]	3.99	39.92
Total CBD[s]	0.02	0.15

[t]Total Thc is calculated by Δ9-THC +(THCA-A*0.877)

[s]Total CBD is calculated by CBD + (CBDA*0.877)

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

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Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: Myrcene+Terpineol Drops APRC Lot Number: BG240909A

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	NT	Not Tested
Aspergillus fumigatus	NT	NT	Not Tested
Aspergillus niger	NT	NT	Not Tested
Aspergillus terreus	NT	NT	Not Tested
E. coli	Not Detected	Not Detected	Pass
STEC	NT	NT	Not Tested
Salmonella - Specific Gene	Not Detected	Not Detected	Pass
Staphylococcus aureus	Not Detected	Not Detected	Pass
Pseudomonas aeruginosa	Not Detected	Report Only	Tested

Performed by: Jordan Morley Notes: Foreign Matter: Not Detected.

Reviewed by: Tessa Crook

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Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03 Sample Name: Myrcene+Terpineol Drops APRC Lot Number: BG240909A

Analyte	Total % (w/w)	Total (mg/g)
α-Pinene	0.002	0.021
Camphene	0.001	0.006
Sabinene	ND	ND
β-pinene	0.003	0.029
Myrcene	0.046	0.456
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.017	0.168
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	0.001	0.011
Linalool	0.013	0.135
Fenchyl Alcohol	0.006	0.057
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	0.004	0.040

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
alpha-Terpineol	0.141	1.411
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.054	0.545
beta-Cedrene	ND	ND
trans-beta-Farnesene	0.004	0.044
Humulene	0.024	0.237
Valencene	0.007	0.070
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α-Bisabolol	0.005	0.051
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.328	3.283

Performed by: Anil Rokaya Reviewed by: Riley Hunter

Approved By:
Nicholas Saichek, PhD

Senior Scientist Mass Spectrometry
09/12/2024