

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 09/26/2024

Sample Name: Deep Blue Gel
Sample Matrix: Topical Applicant
Sample Lot: PR.240923

APRC #: BG240927A

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	09-27-2024
Microbial: Quantitative and Pathogen Detection Combo	Tested	09-30-2024
Terpene Quantitation	Tested	10-01-2024



Accreditation #115229

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

Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: Deep Blue Gel

APRC Lot Number: BG240927A

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)	3.58	0.48	4.78
Cannabigerol (CBG)	ND	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	6.75	0.48	4.78
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	ND	ND	ND
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ 10 and Δ 6a,10a-Tetrahydrocannabinol, mixed isomers	ND	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinidiol	NT	NT	NT
(6aR,9S)- Δ 10-Tetrahydrocannabinidiol	NT	NT	NT
9(R+S)- Δ 6a,10a-Tetrahydrocannabinidiol	NT	NT	NT
Cannabicitran (CBTC)	ND	ND	ND

Performed by: Samikshya Neupane

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	0.96	9.56
Total THC ^t	0.48	4.78
Total CBD ^s	0.48	4.78

^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 and 1-2035.01

Sample Name: Deep Blue Gel

APRC Lot Number: BG240927A

Total Counts			
Microbial Group:	Result (CFU/g):	Specification:	Disposition:
Total Aerobic Bacteria	<10	≤250	Pass
Total Yeast and Mold	<10	≤250	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	NT	NT	Not Tested
STEC	NT	NT	Not Tested
Salmonella - Specific Gene	NT	NT	Not Tested
Staphylococcus aureus	Not Detected	Not Detected	Pass
Pseudomonas aeruginosa	Not Detected	Not Detected	Pass

Performed by: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Tessa Crook

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: Deep Blue Gel

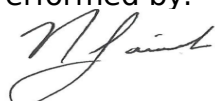
APRC Lot Number: BG240927A

Analyte	Total % (w/w)	Total (mg/g)
α -Pinene	0.164	1.636
Camphene	0.032	0.322
Sabinene	0.001	0.013
β -pinene	0.043	0.428
Myrcene	0.016	0.163
alpha-Phellanderene	0.007	0.072
3-Carene	0.005	0.049
Terpinene	0.049	0.489
m-Cymene	ND	ND
p-Cymene	0.036	0.365
Limonene	0.093	0.929
cis- β -Ocimene	0.010	0.095
Eucalyptol	1.145	11.446
ortho-Cymene	ND	ND
trans- β -Ocimene	0.001	0.010
γ -Terpinene	0.011	0.109
Sabinine Hydrate	ND	ND
terpinolene	0.005	0.047
Linalool	0.010	0.101
Fenchyl Alcohol	0.001	0.012
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	0.024	0.237

Analyte	Total % (w/w)	Total (mg/g)
Menthol	0.634	6.345
Terpinen-4-ol	0.018	0.178
alpha-Terpineol	0.069	0.686
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.036	0.358
beta-Cedrene	ND	ND
trans-beta-Farnesene	0.002	0.016
Humulene	0.003	0.035
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α -Bisabolol	0.002	0.016
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	2.416	24.156

Performed by: Anil Rokaya

Reviewed by: Riley Hunter



Approved By:
Nicholas Saichek, PhD

Senior Scientist Mass Spectrometry
10/02/2024