

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 04/18/2025

Sample Name: Deep Blue Gel

APRC #: BG250421A

Sample Matrix: Topical Applicant

Sample Lot: PR.250414E

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	04/23/2025
Microbial: Quantitative and Pathogen Detection Combo	Tested	04/24/2025
Terpene Quantitation	Tested	04/22/2025



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: BG250421A

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)	5.20	0.01	0.10
Cannabidiol (CBD)	3.48	0.43	4.28
Cannabigerol (CBG)	ND	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	6.57	0.39	3.90
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	8.27	0.01	0.08
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: Sunita Timsina

Reviewed by: Tessa Crook

	%	mg/g
Total Cannabinoids	0.84	8.35
Total THC ^t	0.39	3.90
Total CBD ^s	0.43	4.28

^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: BG250421A

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: Heidi Kipp

Notes: Foreign Matter: Not Detected.

Reviewed by: Jordan Morley

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: Deep Blue Gel

APRC Lot Number: BG250421A

Analyte	Total % (w/w)	Total (mg/g)
α -Pinene	0.138	1.377
Camphene	0.027	0.270
Sabinene	0.001	0.005
β -pinene	0.029	0.290
Myrcene	0.012	0.115
α -Phellandrene	0.004	0.043
3-Carene	0.005	0.046
α -Terpinene	0.047	0.468
m-Cymene	ND	ND
p-Cymene	0.037	0.371
Limonene	0.089	0.885
cis- β -Ocimene	0.011	0.111
Eucalyptol	0.966	9.661
ortho-Cymene	ND	ND
trans- β -Ocimene	0.001	0.008
γ -Terpinene	0.007	0.067
Sabinine Hydrate	ND	ND
Terpinolene	0.003	0.028
Linalool	0.008	0.076
Fenchyl Alcohol	ND	ND
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	0.012	0.123

Analyte	Total % (w/w)	Total (mg/g)
Menthol	0.514	5.141
Terpinen-4-ol	0.015	0.149
α -Terpineol	0.053	0.528
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)- α -Cedrene	ND	ND
β -Caryophyllene	0.023	0.227
β -Cedrene	ND	ND
trans- β -Farnesene	0.001	0.009
Humulene	0.003	0.026
Valencene	0.003	0.029
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α -Bisabolol	0.001	0.013
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	2.007	20.067

Performed by: Anil Rokaya

Reviewed by: Tessa Crook



Approved By:
Nicholas Saichek, PhD
Senior Scientist Mass Spectrometry
04/24/2025