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: 02/27/2025
APRC #: BG250228A

Sample Name: 400mg Berry Down Gummy
Sample Matrix: Gelatinous Cube
Sample Lot: PR.250218

Assay	Disposition	Report Date
Cannabinoid Testing (Potency)	Tested	03/06/2025
Microbial: Quantitative and Pathogen Detection Combo	Tested	03/06/2025
Terpene Quantitation	Tested	03/06/2025

PJLA Testing

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

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

Instrument Analysis Report

Potency

Method: SOP 1-2026.03 Sample Name: 400mg Berry Down Gummy APRC Lot Number: BG250228A

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)	5.21	0.02	0.17
Cannabidiol (CBD)	<LOQ	<LOQ	<LOQ
Cannabigerol (CBG)	3.31	0.03	0.31
Tetrahydrocannabivarin (THCV)	3.81	0.01	0.11
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ9-THC)	6.59	1.51	15.14
Delta-8-Tetrahydrocannabinol (Δ8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	8.28	0.02	0.16
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: Sunita Timsina

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	1.59	15.89
Total THC[t]	1.51	15.14
Total CBD[s]	<LOQ	<LOQ

[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

Notes: Number of Gummies Sampled: 6 | Average Mass of Gummies Sampled: 2.87 g

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

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: 400mg Berry Down Gummy APRC Lot Number: BG250228A

Total Counts			
Microbial Group:	**Result (CFU/g):**	**Specification:**	**Disposition:**
Total Aerobic Bacteria	20	≤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	NT	NT	Not Tested
STEC	Not Detected	Not Detected	Pass
Salmonella - Specific Gene	Not Detected	Not Detected	Pass
Staphylococcus aureus	NT	NT	Not Tested
Pseudomonas aeruginosa	NT	NT	Not Tested

Performed by: Heidi Kipp

Notes: Foreign Matter: Not Detected.

Reviewed by: Jordan Morley

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

APRC
Aromatic Plant Research Center

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03 Sample Name: 400mg Berry Down Gummy APRC Lot Number: BG250228A

Analyte	Total % (w/w)	Total (mg/g)
α-Pinene	ND	ND
Camphene	ND	ND
Sabinene	ND	ND
β-pinene	0.001	0.010
Myrcene	0.003	0.034
α-Phellandrene	ND	ND
3-Carene	ND	ND
α-Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.008	0.080
cis-β-Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans-β-Ocimene	ND	ND
γ-Terpinene	0.001	0.011
Sabinine Hydrate	ND	ND
Terpinolene	0.000	0.002
Linalool	0.005	0.049
Fenchyl Alcohol	0.003	0.025
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	0.001	0.011

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
α-Terpineol	0.026	0.256
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-α-Cedrene	ND	ND
β-Caryophyllene	0.028	0.283
β-Cedrene	ND	ND
trans-β-Farnesene	0.000	0.002
Humulene	0.010	0.102
Valencene	0.004	0.039
cis-Nerolidol	ND	ND
trans-Nerolidol	0.001	0.013
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α-Bisabolol	0.004	0.038
Farneseol	0.003	0.030
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.099	0.986

Performed by: Anil Rokaya Reviewed by: Riley Hunter

Approved By:
Nicholas Saichek, PhD
Senior Scientist Mass Spectrometry
03/06/2025