

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 07/18/2024

Sample Name: 110mg Berry Down Gummy

APRC #: BG240719C

Sample Matrix: Gelatinous Cube

Sample Lot: PR.240709

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	07-19-2024
Microbial: Quantitative and Pathogen Detection Combo	Tested	07-22-2024
Terpene Quantitation	Tested	07-19-2024



Accreditation #115229

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

Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: 110mg Berry Down Gummy

APRC Lot Number: BG240719C

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)	ND	ND	ND
Cannabigerol (CBG)	3.16	0.02	0.16
Tetrahydrocannabivarin (THCV)	ND	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ^9 -THC)	6.02	0.39	3.92
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 $\Delta^6a,10a$ -Tetrahydrocannabinol, mixed isomers	ND	ND	ND
(6aR,9R)- Δ^10 -Tetrahydrocannabidiol	NT	NT	NT
(6aR,9S)- Δ^10 -Tetrahydrocannabidiol	NT	NT	NT
9(R+S)- $\Delta^6a,10a$ -Tetrahydrocannabidiol	NT	NT	NT
Cannabicitran (CBTC)	ND	ND	ND

Performed by: Samikshya Neupane

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	0.41	4.08
Total THC ^t	0.39	3.92
Total CBD ^s	ND	ND

^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

Notes: Number of Gummies Sampled:
6 | Average Mass of Gummies
Sampled: 2.65 g

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: 110mg Berry Down Gummy APRC Lot Number: BG240719C

Total Counts			
Microbial Group:	Result (CFU/g):	Specification:	Disposition:
Total Aerobic Bacteria	30	≤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: William Deutschman

Notes: Foreign Matter: Not Detected.

Reviewed by: Flore Elliott

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: 110mg Berry Down Gummy

APRC Lot Number: BG240719C

Analyte	Total % (w/w)	Total (mg/g)
α -Pinene	0.000	0.002
Camphene	ND	ND
Sabinene	ND	ND
β -pinene	0.000	0.003
Myrcene	0.004	0.038
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.003	0.031
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	0.000	0.004
Linalool	0.005	0.053
Fenchyl Alcohol	0.001	0.007
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	0.001	0.009

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
alpha-Terpineol	0.035	0.346
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.005	0.055
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	0.002	0.020
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α -Bisabolol	ND	ND
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.057	0.569

Performed by: Anil Rokaya

Reviewed by: Riley Hunter



Approved By:
William A. Deutschman, Ph.D.
Laboratory Director - APRC Lehi
07/22/2024