

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 01/30/2024

Sample Name: 250mg Berry Down Gummy

APRC #: BG240131B

Sample Matrix: Gelatinous Cube

Sample Lot: PR.240123

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	01-31-2024
Microbial: Quantitative and Pathogen Detection Combo	Tested	02-01-2024
Terpene Quantitation	Tested	01-31-2024



Accreditation #115229

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Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: 250mg Berry Down Gummy

APRC Lot Number: BG240131B

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)	4.74	0.01	0.09
Cannabidiol (CBD)	ND	ND	ND
Cannabigerol (CBG)	3.07	0.02	0.17
Tetrahydrocannabivarin (THCV)	3.51	0.01	0.06
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ^9 -THC)	5.93	0.98	9.81
Delta-8-Tetrahydrocannabinol (Δ^8 -THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	7.44	0.01	0.14
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ^{10} and $\Delta^{6a,10a}$ -Tetrahydrocannabinol	ND	ND	ND

Performed by: Sujan Timsina

Reviewed by: Sophie Pearson

	%	mg/g
Total Cannabinoids	1.03	10.26
Total THC ^t	0.98	9.81
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: 2.75 g

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: 250mg Berry Down Gummy APRC Lot Number: BG240131B

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	Not Tested	Not Tested
Aspergillus fumigatus	NT	Not Tested	Not Tested
Aspergillus niger	NT	Not Tested	Not Tested
Aspergillus terreus	NT	Not Tested	Not Tested
E. coli	ND	Not Detected	Pass
STEC	NT	Not Tested	Not Tested
Salmonella - Specific Gene	ND	Not Detected	Pass
Staphylococcus aureus	ND	Not Detected	Pass
Pseudomonas aeruginosa	ND	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: 250mg Berry Down Gummy

APRC Lot Number: BG240131B

Analyte	Total % (w/w)	Total (mg/g)
α -Pinene	ND	ND
Camphene	ND	ND
Sabinene	ND	ND
β -pinene	ND	ND
Myrcene	0.006	0.056
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.002	0.023
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	ND	ND
Linalool	0.010	0.104
Fenchyl Alcohol	0.003	0.027
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	0.001	0.012

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
alpha-Terpineol	0.031	0.307
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.017	0.170
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	0.007	0.073
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α -Bisabolol	0.003	0.033
Farneseol	0.011	0.109
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.091	0.915

Performed by: Anil Rokaya

Reviewed by: Sophie Pearson

Will Deutschman

Approved By:

William A. Deutschman, Ph.D.
Laboratory Director - APRC Lehi
02/05/2024