

# Comprehensive Analysis Report

## Sample Overview

**Client:** Boojum Med, LLC

**Date Received:** 10/24/2023

**Sample Name:** 100mg Berry Down Gummy

**APRC #:** BG231025A

**Sample Matrix:** Gelatinous Cube

**Sample Lot:** PR.231016

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	10-25-2023
Microbial: Quantitative Bacteria/Yeast/ Mold	Tested	10-26-2023
Terpene Quantitation	Tested	10-25-2023



Accreditation #115229

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## Instrument Analysis Report

### Potency

Method: SOP 1-2026.03

Sample Name: 100mg Berry Down Gummy

APRC Lot Number: BG231025A

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)	<LOQ	<LOQ	<LOQ
Cannabidiol (CBD)	ND	ND	ND
Cannabigerol (CBG)	ND	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol ( $\Delta$ 9-THC)	5.91	0.36	3.64
Delta-8-Tetrahydrocannabinol ( $\Delta$ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	ND	ND	ND
Cannabichromene Acid (CBCA)	ND	ND	ND
$\Delta$ 10 and $\Delta$ 6a,10a-Tetrahydrocannabinol	ND	ND	ND

Performed by: Rakesh Satyal

Reviewed by: Tessa Crook

	%	mg/g
Total Cannabinoids	0.36	3.64
Total THC <sup>t</sup>	0.36	3.64
Total CBD <sup>s</sup>	ND	ND

<sup>t</sup>Total Thc is calculated by  $\Delta$ 9-THC + (THCA-A\*0.877)

<sup>s</sup>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: 2.84 g

## Instrument Analysis Report

### Microbial Impurities

Method: SOP 1-2034.01

Sample Name: 100mg Berry Down Gummy

APRC Lot Number: BG231025A

<b>Total Counts</b>			
<b>Microbial Group:</b>	<b>Result (CFU/g):</b>	<b>Specification:</b>	<b>Disposition:</b>
Total Aerobic Bacteria	<10	≤10,000	Pass
Total Yeast and Mold	<10	≤1,000	Pass

<b>Specific Organism Identification</b>			
<b>Microbial Organism:</b>	<b>Result:</b>	<b>Specification:</b>	<b>Disposition:</b>
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	ND	Report Only	Tested
Salmonella - Specific Gene	ND	Not Detected	Pass
Staphylococcus aureus	ND	Not Detected	Pass
Pseudomonas aeruginosa	ND	Report Only	Tested

Performed by: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Riley Hunter

## Instrument Analysis Report

### Terpenes

Method: SOP 1-2029.03

Sample Name: 100mg Berry Down Gummy

APRC Lot Number: BG231025A

Analyte	Total % (w/w)	Total (mg/g)
$\alpha$ -Pinene	ND	ND
Camphene	ND	ND
Sabinene	ND	ND
$\beta$ -pinene	ND	ND
Myrcene	0.005	0.046
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	ND	ND
cis- $\beta$ -Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans- $\beta$ -Ocimene	ND	ND
$\gamma$ -Terpinene	ND	ND
Sabinine Hydrate	ND	ND
terpinolene	ND	ND
Linalool	0.046	0.458
Fenchyl Alcohol	ND	ND
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	ND	ND

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
alpha-Terpineol	0.027	0.269
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.004	0.040
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	0.001	0.014
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
$\alpha$ -Bisabolol	0.002	0.018
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.085	0.846

Performed by: Riley Hunter

Reviewed by: Sophie Pearson



**Approved By:**

William A. Deutschman, Ph.D.  
 Laboratory Director - APRC Lehi  
 10/31/2023