

# Comprehensive Analysis Report

## Sample Overview

**Client:** Boojum Med, LLC

**Date Received:** 09/29/2023

**Sample Name:** 800mg Mint Oral Spray

**APRC #:** BG231002E

**Sample Matrix:** Edible

**Sample Lot:** PR.230926B

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	10-02-2023
Microbial: Quantitative Bacteria/Yeast/ Mold	Tested	10-03-2023
Terpene Quantitation	Tested	10-04-2023



Accreditation #115229

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## Instrument Analysis Report

### Potency

Method: SOP 1-2026.03

Sample Name: 800mg Mint Oral Spray

APRC Lot Number: BG231002E

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)	4.85	0.03	0.34
Cannabidiol (CBD)	3.33	0.04	0.41
Cannabigerol (CBG)	3.17	0.06	0.56
Tetrahydrocannabivarin (THCV)	3.60	0.03	0.30
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol ( $\Delta$ 9-THC)	6.05	4.14	41.36
Delta-8-Tetrahydrocannabinol ( $\Delta$ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	7.57	0.06	0.60
Cannabichromene Acid (CBCA)	ND	ND	ND
$\Delta$ 10 and $\Delta$ 6a,10a-Tetrahydrocannabinol	ND	ND	ND

Performed by: Sujan Timsina

Reviewed by: Sophie Pearson

	%	mg/g
Total Cannabinoids	4.36	43.56
Total THC <sup>t</sup>	4.14	41.36
Total CBD <sup>s</sup>	0.04	0.41

<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

## Instrument Analysis Report

### Microbial Impurities

Method: SOP 1-2034.01

Sample Name: 800mg Mint Oral Spray

APRC Lot Number: BG231002E

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	Not Tested	Not Tested	Not Tested
Aspergillus fumigatus	Not Tested	Not Tested	Not Tested
Aspergillus niger	Not Tested	Not Tested	Not Tested
Aspergillus terreus	Not Tested	Not Tested	Not Tested
E. coli	Not Detected	Not Detected	Pass
STEC	Not Detected	Report Only	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: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Riley Hunter

## Instrument Analysis Report

### Terpenes

Method: SOP 1-2029.03

Sample Name: 800mg Mint Oral Spray

APRC Lot Number: BG231002E

Analyte	Total % (w/w)	Total (mg/g)
α-Pinene	ND	ND
Camphene	ND	ND
Sabinene	ND	ND
β-pinene	ND	ND
Myrcene	ND	ND
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.011	0.109
cis-β-Ocimene	ND	ND
Eucalyptol	0.007	0.072
ortho-Cymene	ND	ND
trans-β-Ocimene	ND	ND
γ-Terpinene	ND	ND
Sabinine Hydrate	ND	ND
terpinolene	ND	ND
Linalool	ND	ND
Fenchyl Alcohol	ND	ND
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	ND	ND

Analyte	Total % (w/w)	Total (mg/g)
Menthol	0.035	0.347
Terpinen-4-ol	ND	ND
alpha-Terpineol	ND	ND
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.066	0.657
beta-Cedrene	ND	ND
trans-beta-Farnesene	0.007	0.065
Humulene	0.020	0.203
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α-Bisabolol	0.005	0.050
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.150	1.503

Performed by: Anil Rokaya

Reviewed by: Riley Hunter



**Approved By:**

William A. Deutschman, Ph.D.  
Laboratory Director - APRC Lehi  
10/05/2023