

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 04/24/2025

Sample Name: 450mg Lemon Up Gummy

APRC #: BG250425A

Sample Matrix: Gelatinous Cube

Sample Lot: PR.250417

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	04/28/2025
Microbial: Quantitative and Pathogen Detection Combo	Tested	04/29/2025
Terpene Quantitation	Tested	04/29/2025



Accreditation #115229

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

Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: 450mg Lemon Up Gummy

APRC Lot Number: BG250425A

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)	5.19	0.02	0.19
Cannabidiol (CBD)	<LOQ	<LOQ	<LOQ
Cannabigerol (CBG)	3.28	0.04	0.36
Tetrahydrocannabivarin (THCV)	3.78	0.01	0.08
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	6.56	1.49	14.91
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	8.26	0.02	0.23
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ 10 and Δ 6a,10a-Tetrahydrocannabinol, mixed isomers	ND	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinidiol	NT	NT	NT
(6aR,9S)- Δ 10-Tetrahydrocannabinidiol	NT	NT	NT
9(R+S)- Δ 6a,10a-Tetrahydrocannabinidiol	NT	NT	NT
Cannabicitran (CBTC)	ND	ND	ND

Performed by: Sunita Timsina

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	1.58	15.75
Total THC ^t	1.49	14.91
Total CBD ^s	<LOQ	<LOQ

^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: 2.84 g

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: 450mg Lemon Up Gummy APRC Lot Number: BG250425A

Total Counts			
Microbial Group:	Result (CFU/g):	Specification:	Disposition:
Total Aerobic Bacteria	<10	≤10,000	Pass
Total Yeast and Mold	30	≤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: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Nicholas Saichek

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: 450mg Lemon Up Gummy

APRC Lot Number: BG250425A

Analyte	Total % (w/w)	Total (mg/g)
α -Pinene	0.001	0.008
Camphene	ND	ND
Sabinene	ND	ND
β -pinene	0.003	0.033
Myrcene	0.002	0.020
α -Phellandrene	ND	ND
3-Carene	ND	ND
α -Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	0.001	0.005
Limonene	0.048	0.476
cis- β -Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans- β -Ocimene	0.001	0.005
γ -Terpinene	0.002	0.016
Sabinine Hydrate	ND	ND
Terpinolene	0.000	0.003
Linalool	0.004	0.035
Fenchyl Alcohol	0.001	0.010
Isopulegol	ND	ND
Isoborneol	ND	ND
Borneol	ND	ND

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
α -Terpineol	0.002	0.020
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)- α -Cedrene	ND	ND
β -Caryophyllene	0.011	0.106
β -Cedrene	ND	ND
trans- β -Farnesene	0.001	0.008
Humulene	0.005	0.054
Valencene	0.004	0.042
cis-Nerolidol	ND	ND
trans-Nerolidol	0.001	0.006
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α -Bisabolol	0.002	0.015
Farneseol	0.001	0.013
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.087	0.874

Performed by: Anil Rokaya

Reviewed by: Riley Hunter



Approved By:
Nicholas Saichek, PhD
Senior Scientist Mass Spectrometry
04/29/2025