

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Sample Name: 400mg Lemon Up Gummy

Sample Matrix: Gelatinous Cube

Sample Lot: PR.251010A

Date Received: 10/20/2025

APRC #: BG251021C

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	10/22/2025
Microbial: Quantitative and Pathogen Detection Combo	Tested	10/23/2025
Terpene Quantitation	Tested	10/22/2025



Accreditation #115229

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

Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: 400mg Lemon Up Gummy

APRC Lot Number: BG251021C

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)	5.16	0.02	0.17
Cannabidiol (CBD)	ND	ND	ND
Cannabigerol (CBG)	3.27	0.03	0.26
Tetrahydrocannabivarin (THCV)	3.76	0.01	0.10
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	6.51	1.46	14.56
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	8.19	0.02	0.15
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: Tessa Crook

	%	mg/g
Total Cannabinoids	1.52	15.24
Total THC [†]	1.46	14.56
Total CBD [‡]	ND	ND

[†]Total Thc is calculated by Δ 9-THC +(THCA-A*0.877)

[‡]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:
 2.76 g

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01

Sample Name: 400mg Lemon Up Gummy

APRC Lot Number: BG251021C

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	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: Kyla Thomas

Notes: Foreign Matter: Not Detected.

Reviewed by: Jordan Morley

Instrument Analysis Report

Terpenes

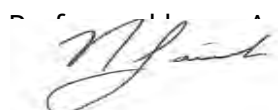
Method: SOP 1-2029.03

Sample Name: 400mg Lemon Up Gummy

APRC Lot Number: BG251021C

Analyte	Total % (w/w)	Total (mg/g)
α-Pinene	0.001	0.009
Camphene	ND	ND
Sabinene	ND	ND
β-pinene	0.004	0.039
Myrcene	0.001	0.011
α-Phellandrene	ND	ND
3-Carene	ND	ND
α-Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	0.001	0.013
Limonene	0.051	0.512
cis-β-Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans-β-Ocimene	ND	ND
γ-Terpinene	0.001	0.010
Sabinine Hydrate	ND	ND
Terpinolene	ND	ND
Linalool	0.006	0.058
Fenchyl Alcohol	0.003	0.030
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
α-Terpineol	0.004	0.043
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-α-Cedrene	ND	ND
β-Caryophyllene	0.027	0.268
β-Cedrene	ND	ND
trans-β-Farnesene	ND	ND
Humulene	0.010	0.095
Valencene	0.003	0.035
cis-Nerolidol	ND	ND
trans-Nerolidol	0.001	0.013
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α-Bisabolol	0.002	0.020
Farneseol	0.018	0.184
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.135	1.349

 Rokaya

Reviewed by: Tessa Crook

Approved By:
 Nicholas Saichek, PhD
 Senior Scientist Mass Spectrometry
 10/23/2025