Aromatic Plant Research Center
230 N 1200 E STE 100
Lehi, UT 84043
www.aromaticplant.org

Comprehensive Analysis Report

Sample Overview

Client: Boojum Med, LLC

Date Received: 02/21/2024
APRC #: BG240222B

Sample Name: 100mg Lemon Up Gummy
Sample Matrix: Gelatinous Cube
Sample Lot: PR.240213C

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	02-22-2024
Microbial: Quantitative and Pathogen Detection Combo	Tested	02-23-2024
Terpene Quantitation	Tested	02-28-2024

PJLA Testing

Accreditation #115229
Aromatic Plant Research Center is an ISO 17025:2017 certified laboratory.

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Instrument Analysis Report

Potency

Method: SOP 1-2026.03 Sample Name: 100mg Lemon Up Gummy APRC Lot Number: BG240222B

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)	ND	ND	ND
Cannabidiol (CBD)	ND	ND	ND
Cannabigerol (CBG)	3.07	0.01	0.09
Tetrahydrocannabivarin (THCV)	<LOQ	<LOQ	<LOQ
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ9-THC)	5.93	0.38	3.77
Delta-8-Tetrahydrocannabinol (Δ8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	ND	ND	ND
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ10 and Δ6a,10a-Tetrahydrocannabinol	ND	ND	ND

Performed by: Sujan Timsina

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	0.39	3.87
Total THC[t]	0.38	3.77
Total CBD[s]	ND	ND

[t]Total Thc is calculated by Δ9-THC +(THCA-A*0.877)

[s]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

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Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: 100mg Lemon Up Gummy APRC Lot Number: BG240222B

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	Report Only	Tested

Performed by: Jordan Morley

Notes: Foreign Matter: Not Detected.

Reviewed by: Tessa Crook

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Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03 Sample Name: 100mg Lemon Up Gummy APRC Lot Number: BG240222B

Analyte	Total % (w/w)	Total (mg/g)
α-Pinene	0.001	0.007
Camphene	ND	ND
Sabinene	ND	ND
β-pinene	0.003	0.030
Myrcene	0.001	0.014
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	ND	ND
Limonene	0.050	0.499
cis-β-Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans-β-Ocimene	ND	ND
γ-Terpinene	0.002	0.017
Sabinine Hydrate	ND	ND
terpinolene	ND	ND
Linalool	0.010	0.103
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	0.002	0.020
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	0.005	0.046
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	0.001	0.015
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	0.001	0.015
Cedrol	ND	ND
α-Bisabolol	ND	ND
Farneseol	ND	ND
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	0.077	0.765

Performed by: Anil Rokaya Reviewed by: Tessa Crook

Approved By:
William A. Deutschman, Ph.D.
Laboratory Director - APRC Lehi
02/29/2024