

Comprehensive Analysis Report

Sample Overview

Client: Boojum Group, LLC

Date Received: 09/12/2023

Sample Name: .5 g/1 g - Sour Diesel Vape

APRC #: BG230913A

Sample Matrix: Vape Oil

Sample Lot: PR.230911

Assay	Disposition	Date Tested
Cannabinoid Testing (Potency)	Tested	09-13-2023
Microbial: Quantitative Bacteria/Yeast/ Mold	Tested	09-15-2023
Terpene Quantitation	Tested	09-14-2023



Accreditation #115229

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Instrument Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: .5 g/1 g - Sour Diesel Vape

APRC Lot Number: BG230913A

Cannabinoid	RT	Total %	Total mg/g
Cannabidivarinic Acid (CBDVA)	ND	ND	ND
Cannabidivarin (CBDV)	2.15	0.01	0.14
Cannabidiolic Acid (CBDA)	ND	ND	ND
Cannabigerolic Acid (CBGA)	ND	ND	ND
Cannabinol (CBN)	4.71	0.52	5.24
Cannabidiol (CBD)	3.21	0.43	4.27
Cannabigerol (CBG)	3.05	3.03	30.28
Tetrahydrocannabivarin (THCV)	3.49	0.51	5.13
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	5.92	91.34	913.36
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	7.40	0.91	9.12
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ 10 and Δ 6a,10a-Tetrahydrocannabinol	ND	ND	ND

Performed by: Tessa Crook

Reviewed by: Sophie Pearson

	%	mg/g
Total Cannabinoids	96.75	967.54
Total THC ^t	91.34	913.36
Total CBD ^s	0.43	4.27

^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

Instrument Analysis Report

Microbial Impurities

Method: SOP 1-2034.01

Sample Name: .5 g/1 g - Sour Diesel Vape

APRC Lot Number: BG230913A

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	Report Only	Tested
STEC	Not Detected	Not Detected	Pass
Salmonella - Specific Gene	Not Detected	Report Only	Tested
Staphylococcus aureus	Not Detected	Not Detected	Pass
Pseudomonas aeruginosa	Not Detected	Not Detected	Pass

Performed by: Jordan Morley

Notes: Foreign Matter: Not Detected

Reviewed by: Riley Hunter

Instrument Analysis Report

Terpenes

Method: SOP 1-2029.03

Sample Name: .5 g/1 g - Sour Diesel Vape

APRC Lot Number: BG230913A

Analyte	Total % (w/w)	Total (mg/g)
α-Pinene	0.031	0.315
Camphene	ND	ND
Sabinene	0.009	0.091
β-pinene	0.090	0.896
Myrcene	0.387	3.866
alpha-Phellanderene	ND	ND
3-Carene	ND	ND
Terpinene	ND	ND
m-Cymene	ND	ND
p-Cymene	0.010	0.100
Limonene	0.355	3.550
cis-β-Ocimene	ND	ND
Eucalyptol	ND	ND
ortho-Cymene	ND	ND
trans-β-Ocimene	ND	ND
γ-Terpinene	0.028	0.279
Sabinine Hydrate	ND	ND
terpinolene	ND	ND
Linalool	0.264	2.639
Fenchyl Alcohol	0.062	0.625
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	ND	ND
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	1.015	10.153
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	0.318	3.182
Valencene	0.016	0.165
cis-Nerolidol	0.049	0.491
trans-Nerolidol	0.098	0.978
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α-Bisabolol	0.106	1.058
Farneseol	0.027	0.272
Phytane (2,6,10,14-Tetramethylhexadecane)	ND	ND
Total	2.866	28.658

Performed by: Anil Rokaya

Reviewed by: Riley Hunter



Approved By:

Jordan Morley
 Laboratory Supervisor
 09/19/2023