

4K Pharm LLC
 2083 CR 226
 Giddings, TX 78942
 4kpharm@gmail.com
 512-963-5399

Sample: 01-09-2024-44067
 Sample Received: 01/09/2024;
 Report Created: 01/10/2024; Expires: 01/09/2025

Grapeful Chem
 Plant, Flower - Cured



8.402 %

Total THC

0.326 %

Δ-9 THC

16.348 %
 Total Cannabinoids

5.807 %
 Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)
 Date Tested: 01/09/2024

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0490	0.0735	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0490	0.0735	0.326	3.261	<div style="width: 3.261%;"></div>
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0490	0.0735	9.209	92.088	<div style="width: 92.088%;"></div>
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0490	0.0735	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0490	0.0735	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0490	0.0735	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0490	0.0735	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0490	0.0735	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0490	0.0735	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0490	0.0735	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0490	0.0735	ND	ND	
Cannabidivarin (CBDV)	0.0490	0.0735	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0490	0.0735	ND	ND	
Cannabidiol (CBD)	0.0490	0.0735	0.243	2.431	<div style="width: 2.431%;"></div>
Cannabidiolic Acid (CBDA)	0.0490	0.0735	6.344	63.441	<div style="width: 63.441%;"></div>
Cannabigerol (CBG)	0.0490	0.0735	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0490	0.0735	<LOQ	<LOQ	
Cannabinol (CBN)	0.0490	0.0735	ND	ND	
Cannabinolic Acid (CBNA)	0.0490	0.0735	ND	ND	
Cannabichromene (CBC)	0.0490	0.0735	ND	ND	
Cannabichromenic Acid (CBCA)	0.0490	0.0735	0.225	2.255	<div style="width: 2.255%;"></div>
Total			16.348	163.476	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: ± 0.050%
 Total CBD Measurement of Uncertainty: ± 2.000%
 THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



New Bloom Labs
 6121 Heritage Park Drive, A500
 Chattanooga, TN 37416
 (844) 837-8223
 TN DEA#: RN0563975
 ANAB Testing Laboratory (AT-2868): ISO/IEC
 17025:2017

Natalie Siracusa
 Natalie Siracusa
 Laboratory Director

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Grapeful Chem
 Plant, Flower - Cured



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 01/09/2024

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	3733.995	3.734	
α-Pinene	0.750	3.000	289.669	0.290	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	24.246	0.024	
β-Caryophyllene	0.750	3.000	8659.170	8.659	
β-Myrcene	0.750	3.000	7070.334	7.070	
Borneol	0.750	3.000	142.871	0.143	
Camphene	0.750	3.000	105.371	0.105	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	59.796	0.060	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	2700.803	2.701	
Linalool	0.750	3.000	4544.010	4.544	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	ND	ND	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	ND	ND	
Total			27655.886	27.656	2.766 %

Primary Aromas

Cinnamon



Clove



Lavender



Hops



Lime



Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.



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