

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



Terpenes

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

Date Tested: 01/09/2024

Analyte	LOD PPM	LOQ PPM	Mass PPM	Mass mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	3733.995	3.734	<div style="width: 100%;"></div>
α-Pinene	0.750	3.000	289.669	0.290	<div style="width: 10%;"></div>
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	24.246	0.024	<div style="width: 1%;"></div>
β-Caryophyllene	0.750	3.000	8659.170	8.659	<div style="width: 100%;"></div>
β-Myrcene	0.750	3.000	7070.334	7.070	<div style="width: 95%;"></div>
Borneol	0.750	3.000	142.871	0.143	<div style="width: 1%;"></div>
Camphene	0.750	3.000	105.371	0.105	<div style="width: 1%;"></div>
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	<div style="width: 1%;"></div>
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	59.796	0.060	<div style="width: 1%;"></div>
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	<div style="width: 10%;"></div>
Limonene	0.750	3.000	2700.803	2.701	<div style="width: 10%;"></div>
Linalool	0.750	3.000	4544.010	4.544	<div style="width: 10%;"></div>
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

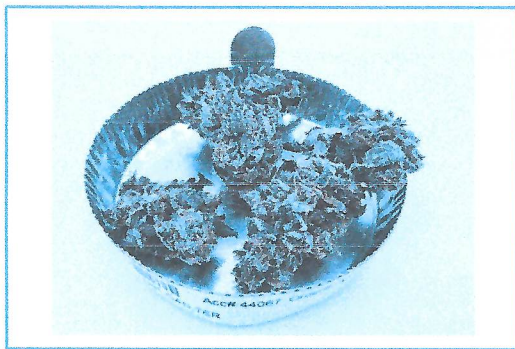
Cinnamon

Clove

Lavender

Hops

Lime



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



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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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
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0490	0.0735	9.209	92.088
Δ-9-Tetrahydrocannabiphorol (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
Cannabidiolic Acid (CBDA)	0.0490	0.0735	6.344	63.441
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
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



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 Laboratory Director

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