

Arete

Sample: 07-19-2021-10560

Sample Received: 07/19/2021;

Report Created: 07/20/2021; Expires: 07/20/2022

Purple Haze
Plant Flower - Cured



0.463%

Total THC

<LOQ%

Δ-9 THC

17.763%

Total Cannabinoids

14.406%

Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000.07)

Analyst: Natalie Siracusa; Date Tested: 07/19/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-9 Tetrahydrocannabinol (Δ-9 THC)	0.050	0.074	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.050	0.074	0.528	5.277	
R-Δ-10 Tetrahydrocannabinol (R-Δ-10-THC)	0.050	0.074	ND	ND	
S-Δ-10 Tetrahydrocannabinol (S-Δ-10-THC)	0.050	0.074	ND	ND	
Δ-8 Tetrahydrocannabinol (Δ-8 THC)	0.050	0.074	ND	ND	
Tetrahydrocannabivarin (THCV)	0.050	0.074	ND	ND	
Cannabidiol (CBD)	0.050	0.074	0.848	8.485	
Cannabidiolic Acid (CBDA)	0.050	0.074	15.458	154.584	
Cannabigerol (CBG)	0.050	0.074	ND	ND	
Cannabigerolic Acid (CBGA)	0.050	0.074	0.190	1.901	
Cannabinol (CBN)	0.050	0.074	ND	ND	
Cannabinolic Acid (CBNA)	0.050	0.074	ND	ND	
Cannabichromene (CBC)	0.050	0.074	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.050	0.074	0.739	7.386	
Total			17.763	177.633	

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: ± 0.03%



New Bloom Labs
6121 Heritage Park Dr.,
Chattanooga, TN 37416
(844) 837-8223
DEA#: RN-0773575

Natalie Siracusa

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Laboratory Director

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info@relims.com

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Purple Haze
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Terpenes

(Testing Method: HS-GC/MS, CON-P-4000.03)

Analyst: Natalie Siracusa; Date Tested: 07/19/2021

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	342.464	0.342	
α-Pinene	0.750	3.000	1075.747	1.076	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	1185.489	1.185	
β-Myrcene	0.750	3.000	10412.819	10.413	
Borneol	0.750	3.000	130.369	0.130	
Camphene	0.750	3.000	47.541	0.048	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	ND	ND	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	52.794	0.053	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	980.696	0.981	
Linalool	0.750	3.000	695.773	0.696	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	2680.110	2.680	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	37.022	0.037	
Total			17659.732	17.660	1.766 %

Primary Aromas

Clove



Earthy



Cinnamon



Pine



Lime



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



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