

Arete

Sample: 07-19-2021-10559

Sample Received: 07/19/2021;

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

Abacus Diesel
Plant Flower - Cured



0.422%

Total THC

<LOQ%

Δ-9 THC

14.808 %

Total Cannabinoids

12.064 %

Total CBD

Cannabinoids

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

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

Complete

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	0.481	4.807	
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	0.573	5.733	
Cannabidiolic Acid (CBDA)	0.050	0.074	13.102	131.020	
Cannabigerol (CBG)	0.050	0.074	ND	ND	
Cannabigerolic Acid (CBGA)	0.050	0.074	0.095	0.950	
Cannabinol (CBN)	0.050	0.074	ND	ND	
Cannabinolic Acid (CBNA)	0.050	0.074	ND	ND	
Cannabichromene (CBC)	0.050	0.074	ND	ND	
Cannabichromenic Acid (CBCA)	0.050	0.074	0.557	5.574	
Total			14.808	148.084	

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%



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Natalie Siracusa

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Laboratory Director

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Abacus Diesel
Plant Flower - Cured



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	147.477	0.147	
α-Pinene	0.750	3.000	645.469	0.645	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	537.870	0.538	
β-Myrcene	0.750	3.000	9382.283	9.382	
Borneol	0.750	3.000	57.629	0.058	
Camphene	0.750	3.000	40.444	0.040	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	34.231	0.034	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	36.490	0.036	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	768.193	0.768	
Linalool	0.750	3.000	870.785	0.871	
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	<LOQ	<LOQ	
Total			12568.538	12.569	1.257 %

Primary Aromas

Clove



Lavender



Lime



Pine



Cinnamon



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



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