

Arete

Sample: 07-22-2021-10661

Sample Received: 07/22/2021;

Report Created: 07/24/2021; Expires: 07/24/2022

Sour Diesel
Plant Flower - Cured



0.459%

Total THC

ND%

Δ-9 THC

16.046 %

Total Cannabinoids

12.962 %

Total CBD

Cannabinoids

Complete

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

Analyst: Natalie Siracusa; Date Tested: 07/22/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-9 Tetrahydrocannabinol (Δ-9 THC)	0.048	0.071	ND	ND	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.048	0.071	0.524	5.238	
R-Δ-10 Tetrahydrocannabinol (R-Δ-10-THC)	0.048	0.071	ND	ND	
S-Δ-10 Tetrahydrocannabinol (S-Δ-10-THC)	0.048	0.071	ND	ND	
Δ-8 Tetrahydrocannabinol (Δ-8 THC)	0.048	0.071	ND	ND	
Tetrahydrocannabivarin (THCV)	0.048	0.071	ND	ND	
Cannabidivarin (CBDV)	0.048	0.071	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.048	0.071	<LOQ	<LOQ	
Cannabidiol (CBD)	0.048	0.071	0.417	4.171	
Cannabidiolic Acid (CBDA)	0.048	0.071	14.305	143.048	
Cannabigerol (CBG)	0.048	0.071	ND	ND	
Cannabigerolic Acid (CBGA)	0.048	0.071	0.180	1.800	
Cannabinol (CBN)	0.048	0.071	ND	ND	
Cannabinolic Acid (CBNA)	0.048	0.071	ND	ND	
Cannabichromene (CBC)	0.048	0.071	ND	ND	
Cannabichromenic Acid (CBCA)	0.048	0.071	0.620	6.200	
Total			16.046	160.457	

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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Sour Diesel
Plant Flower - Cured



Terpenes

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

Analyst: Natalie Siracusa; Date Tested: 07/22/2021

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	4366.618	4.367	<div style="width: 40%;"></div>
α-Pinene	0.750	3.000	241.473	0.241	<div style="width: 10%;"></div>
α-Terpinene	0.750	3.000	147.463	0.147	<div style="width: 5%;"></div>
1,8-Cineole	0.750	3.000	43.102	0.043	<div style="width: 2%;"></div>
β-Caryophyllene	0.750	3.000	9745.042	9.745	<div style="width: 45%;"></div>
β-Myrcene	0.750	3.000	1766.712	1.767	<div style="width: 15%;"></div>
Borneol	0.750	3.000	ND	ND	
Camphene	0.750	3.000	<LOQ	<LOQ	<div style="width: 0%;"></div>
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	239.839	0.240	<div style="width: 5%;"></div>
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	<LOQ	<LOQ	<div style="width: 0%;"></div>
γ-Terpinene	0.750	3.000	97.081	0.097	<div style="width: 2%;"></div>
Limonene	0.750	3.000	218.574	0.219	<div style="width: 5%;"></div>
Linalool	0.750	3.000	558.428	0.558	<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	2295.675	2.296	<div style="width: 15%;"></div>
Total			19759.227	19.759	1.976 %

Primary Aromas

Cinnamon



Hops



Herbal



Clove



Lavender



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



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