

Arete

Sample: 11-29-2021-15195

Sample Received: 11/29/2021;

Report Created: 11/30/2021; Expires: 11/30/2022

Cannatonic  
Plant, Flower - Cured



**6.402%**

Total THC

**0.310%**

Δ-9 THC

**17.441%**

Total Cannabinoids

**8.536%**

Total CBD

## Cannabinoids

Complete

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

Analyst: Natalie Siracusa; Date Tested: 11/29/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0481	0.0721	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0481	0.0721	<b>0.310</b>	<b>3.096</b>	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0481	0.0721	<b>6.947</b>	<b>69.471</b>	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)	0.0481	0.0721	ND	ND	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0481	0.0721	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0481	0.0721	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0481	0.0721	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0481	0.0721	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0481	0.0721	ND	ND	
Cannabidivarin (CBDV)	0.0481	0.0721	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0481	0.0721	ND	ND	
Cannabidiol (CBD)	0.0481	0.0721	<b>0.246</b>	<b>2.462</b>	
Cannabidiolic Acid (CBDA)	0.0481	0.0721	<b>9.452</b>	<b>94.519</b>	
Cannabigerol (CBG)	0.0481	0.0721	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0481	0.0721	<b>0.091</b>	<b>0.913</b>	
Cannabinol (CBN)	0.0481	0.0721	ND	ND	
Cannabinolic Acid (CBNA)	0.0481	0.0721	ND	ND	
Cannabichromene (CBC)	0.0481	0.0721	ND	ND	
Cannabichromenic Acid (CBCA)	0.0481	0.0721	<b>0.395</b>	<b>3.952</b>	
<b>Total</b>			<b>17.441</b>	<b>174.413</b>	

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: ± 0.030%

Total CBD Measurement of Uncertainty: ± 1.000%



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## Terpenes

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

Analyst: Natalie Siracusa; Date Tested: 11/29/2021

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	276.008	0.276	
α-Pinene	0.750	3.000	1262.088	1.262	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	1604.563	1.605	
β-Myrcene	0.750	3.000	>2000.000	>2.000	
Borneol	0.750	3.000	140.814	0.141	
Camphene	0.750	3.000	62.647	0.063	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	31.047	0.031	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	67.947	0.068	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	1920.800	1.921	
Linalool	0.750	3.000	1082.266	1.082	
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	40.990	0.041	
<b>Total</b>			19572.218	19.572	1.957 %

## Primary Aromas

Clove



Lime



Cinnamon



Pine



Lavender



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