

Arete Hemp LLC

Sample: 09-27-2022-25108W1506

Sample Received: 09/27/2022;

Report Created: 09/29/2022; Expires: 09/29/2023

Legendary Platinum OG
Plant cured



0.714%

Total THC

<LOQ%

Δ-9 THC

18.593%

Total Cannabinoids

14.498%

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)

Date Tested: 09/27/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0459	0.0688	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0459	0.0688	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0459	0.0688	0.815	8.147	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0459	0.0688	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0459	0.0688	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0459	0.0688	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0459	0.0688	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0459	0.0688	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0459	0.0688	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0459	0.0688	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0459	0.0688	ND	ND	
Cannabidivarin (CBDV)	0.0459	0.0688	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0459	0.0688	0.093	0.927	
Cannabidiol (CBD)	0.0459	0.0688	0.765	7.651	
Cannabidiolic Acid (CBDA)	0.0459	0.0688	15.659	156.587	
Cannabigerol (CBG)	0.0459	0.0688	ND	ND	
Cannabigerolic Acid (CBGA)	0.0459	0.0688	0.545	5.450	
Cannabinol (CBN)	0.0459	0.0688	ND	ND	
Cannabinolic Acid (CBNA)	0.0459	0.0688	ND	ND	
Cannabichromene (CBC)	0.0459	0.0688	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.0459	0.0688	0.717	7.165	
Total			18.593	185.927	

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: ± 0.040%

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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Plant cured



Terpenes

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

Date Tested: 09/27/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	513.013	0.513	
α-Humulene	0.750	3.000	2427.568	2.428	
α-Pinene	0.750	3.000	707.465	0.707	
α-Terpinene	0.750	3.000	333.871	0.334	
1,8-Cineole	0.750	3.000	47.461	0.047	
β-Caryophyllene	0.750	3.000	6792.231	6.792	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	201.879	0.202	
Camphene	0.750	3.000	106.907	0.107	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	195.305	0.195	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	84.039	0.084	
γ-Terpinene	0.750	3.000	220.251	0.220	
Limonene	0.750	3.000	3249.539	3.250	
Linalool	0.750	3.000	1071.715	1.072	
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	7717.836	7.718	
Total			23669.079	23.669	2.367 %

Primary Aromas

Herbal



Cinnamon



Lime



Hops



Lavender



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



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