

Arete

Sample: 09-22-2022-24939

Sample Received: 09/22/2022;

Report Created: 09/29/2022; Expires: 09/23/2023

POG

Plant, Flower - Cured



0.572%

Total THC

<LOQ%

Δ-9 THC

17.116 %

Total Cannabinoids

13.290 %

Total CBD

Cannabinoids

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

Date Tested: 09/22/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0446	0.0670	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0446	0.0670	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0446	0.0670	0.652	6.518	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0446	0.0670	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0446	0.0670	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0446	0.0670	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0446	0.0670	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0446	0.0670	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0446	0.0670	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0446	0.0670	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0446	0.0670	ND	ND	
Cannabidivarin (CBDV)	0.0446	0.0670	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0295	0.0670	<LOQ	<LOQ	
Cannabidiol (CBD)	0.0446	0.0670	0.776	7.759	
Cannabidiolic Acid (CBDA)	0.0446	0.0670	14.270	142.696	
Cannabigerol (CBG)	0.0295	0.0670	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0446	0.0670	0.393	3.929	
Cannabinol (CBN)	0.0446	0.0670	ND	ND	
Cannabinolic Acid (CBNA)	0.0446	0.0670	ND	ND	
Cannabichromene (CBC)	0.0446	0.0670	0.076	0.759	
Cannabichromenic Acid (CBCA)	0.0446	0.0670	0.950	9.500	
Total			17.116	171.161	

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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Sample: 09-22-2022-24939

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POG

Plant, Flower - Cured



Terpenes

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

Date Tested: 09/22/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	579.345	0.579	
α-Humulene	0.750	3.000	991.078	0.991	
α-Pinene	0.750	3.000	323.030	0.323	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	3943.044	3.943	
β-Myrcene	0.750	3.000	3664.258	3.664	
Borneol	0.750	3.000	147.088	0.147	
Camphene	0.750	3.000	77.988	0.078	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	249.121	0.249	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	39.509	0.040	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	1769.745	1.770	
Linalool	0.750	3.000	2562.463	2.562	
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	46.503	0.047	
Total			14393.171	14.393	1.439 %

Primary Aromas

Cinnamon



Clove



Lavender



Lime




Hops



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



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