

Arete

Sample: 10-28-2022-26507

Sample Received: 10/28/2022;

Report Created: 11/09/2022; Expires: 10/31/2023

Granddaddy Purple-Indica
Plant, Flower - Cured



19.051%

Total THC

0.138%

Δ-9 THC

23.036 %

Total Cannabinoids

<LOQ %

Total CBD

Cannabinoids

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

Date Tested: 10/28/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0476	0.0714	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0476	0.0714	0.138	1.381	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0476	0.0714	21.566	215.657	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0476	0.0714	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0476	0.0714	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0476	0.0714	0.156	1.562	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0476	0.0714	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0476	0.0714	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0476	0.0714	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0476	0.0714	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0476	0.0714	ND	ND	
Cannabidivarin (CBDV)	0.0476	0.0714	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0476	0.0714	ND	ND	
Cannabidiol (CBD)	0.0476	0.0714	ND	ND	
Cannabidiolic Acid (CBDA)	0.0476	0.0714	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0476	0.0714	0.101	1.010	
Cannabigerolic Acid (CBGA)	0.0476	0.0714	0.992	9.924	
Cannabinol (CBN)	0.0476	0.0714	ND	ND	
Cannabinolic Acid (CBNA)	0.0476	0.0714	ND	ND	
Cannabichromene (CBC)	0.0476	0.0714	ND	ND	
Cannabichromenic Acid (CBCA)	0.0476	0.0714	0.083	0.829	
Total			23.036	230.363	

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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Terpenes

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

Date Tested: 10/28/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	554.394	0.554	<div style="width: 10%;"></div>
α-Humulene	0.750	3.000	2398.608	2.399	<div style="width: 20%;"></div>
α-Pinene	0.750	3.000	757.082	0.757	<div style="width: 10%;"></div>
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	33.597	0.034	<div style="width: 1%;"></div>
β-Caryophyllene	0.750	3.000	9268.219	9.268	<div style="width: 30%;"></div>
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	127.775	0.128	<div style="width: 1%;"></div>
Camphene	0.750	3.000	247.339	0.247	<div style="width: 1%;"></div>
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	186.887	0.187	<div style="width: 1%;"></div>
Citral	0.750	3.000	<LOQ	<LOQ	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	65.500	0.066	<div style="width: 1%;"></div>
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	4947.230	4.947	<div style="width: 25%;"></div>
Linalool	0.750	3.000	4092.929	4.093	<div style="width: 20%;"></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	61.171	0.061	<div style="width: 1%;"></div>
Total			22740.733	22.741	2.274 %

Primary Aromas

Cinnamon



Lime



Lavender



Hops



Pine



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



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