

Certificate of Analysis

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% 0.138% Total THC Δ-9 THC <LOQ% 23.036% **Total Cannabinoids** Total CBD Cannabinoids Complete (Testing Method: HPLC, CON-P-3000) Date Tested: 10/28/2022 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-Tetrahydrocannabiphorol (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 $R-\Delta$ -10-Tetrahydrocannabinol ($R-\Delta$ -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) ND 0.0476 0.0714 ND ND Tetrahydrocannabinol Acetate (THCO) 0.0714 0.0476 ND 0.0714 Cannabidivarin (CBDV) ND 0.0476 ND Cannabidivarinic Acid (CBDVA) 0.0476 0.0714 ND ND 0.0714 ND Cannabidiol (CBD) 0.0476 ND Cannabidiolic Acid (CBDA) 0.0714 <LOQ 0.0476 <LOQ Cannabigerol (CBG) 0.0714 1.010 0.0476 0.101 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 23.036 230.363 Total

Total THC = THCa * 0.877 + Δ9-THC:Total CBD = CBDa * 0.877 + CBD: LOO = Limit of Quantitation: ND = Not Detected.

Total THC Measurement of Uncertainty: \pm 0.040% Total CBD Measurement of Uncertainty: \pm 2.000% THCO potency analysis does not designate quantitative specificity of Δ -8-THCO and Δ -9-THCO isomers



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975



Laboratory Director

New Bloom Labs 10606 Shady Trail, 105 Dallas,TX 75520 (844) 837-8223 TX DEA#:RN0594653

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Primary Aromas

Cinnamon

Lime

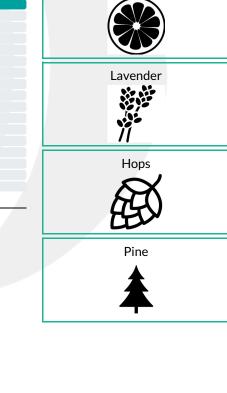
Granddaddy Purple-Indica Plant, Flower - Cured

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	
α-Humulene	0.750	3.000	2398.608	2.399	
α-Pinene	0.750	3.000	757.082	0.757	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	33.597	0.034	
β-Caryophyllene	0.750	3.000	9268.219	9.268	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	127.775	0.128	
Camphene	0.750	3.000	247.339	0.247	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	186.887	0.187	
Citral	0.750	3.000	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	65.500	0.066	
γ-Terpinene	0.750	3.000	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Limonene	0.750	3.000	4947.230	4.947	
Linalool	0.750	3.000	4092.929	4.093	
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	
Total			22740.733	22.741	2.274 %





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



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