

Arete

Sample: 04-13-2022-19425

Sample Received: 04/13/2022;

Report Created: 04/19/2022; Expires: 04/14/2023

Grumpy Gorilla
Concentrate & Extracts



3.841%

Total THC

0.206%

Δ-9 THC

87.143%

Total Cannabinoids

79.225%

Total CBD

Cannabinoids

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

Date Tested: 04/13/2022

Complete

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.1020	0.1531	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.1020	0.1531	0.206	2.061
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.1020	0.1531	4.145	41.449
Δ-9-Tetrahydrocannabiphlorol (Δ-9-THCP)	0.1020	0.1531	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.1020	0.1531	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.1020	0.1531	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.1020	0.1531	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.1020	0.1531	ND	ND
9R-Hexahydrocannabinol (9R-HHC)	0.1020	0.1531	ND	ND
9S-Hexahydrocannabinol (9S-HHC)	0.1020	0.1531	ND	ND
Tetrahydrocannabinol Acetate (THCO)	0.1020	0.1531	ND	ND
Cannabidivarin (CBDV)	0.1020	0.1531	0.249	2.490
Cannabidivarinic Acid (CBDVA)	0.1020	0.1531	ND	ND
Cannabidiol (CBD)	0.1020	0.1531	77.322	773.224
Cannabidiolic Acid (CBDA)	0.1020	0.1531	2.169	21.694
Cannabigerol (CBG)	0.1020	0.1531	1.292	12.918
Cannabigerolic Acid (CBGA)	0.0959	0.1531	<LOQ	<LOQ
Cannabinol (CBN)	0.1020	0.1531	0.796	7.959
Cannabinolic Acid (CBNA)	0.1020	0.1531	ND	ND
Cannabichromene (CBC)	0.1020	0.1531	0.963	9.633
Cannabichromenic Acid (CBCA)	0.1020	0.1531	<LOQ	<LOQ
Total			87.143	871.428

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%

THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect sample identification change.



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


Natalie Siracusa
Laboratory Director

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

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Grumpy Gorilla
Concentrate & Extracts



Terpenes

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

Date Tested: 04/13/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	813.550	0.814	
α-Pinene	0.750	3.000	4180.920	4.181	
α-Terpinene	0.750	3.000	1020.190	1.020	
1,8-Cineole	0.750	3.000	ND	ND	
β-Caryophyllene	0.750	3.000	4393.350	4.393	
β-Myrcene	0.750	3.000	8054.410	8.054	
Borneol	0.750	3.000	<LOQ	<LOQ	
Camphene	0.750	3.000	ND	ND	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	499.410	0.499	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	ND	ND	
γ-Terpinene	0.750	3.000	2102.210	2.102	
Limonene	0.750	3.000	4839.870	4.840	
Linalool	0.750	3.000	5414.700	5.415	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	546.490	0.546	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	1107.950	1.108	
Total			32973.050	32.973	3.297 %

Primary Aromas

Clove



Lavender



Lime



Cinnamon



Pine



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



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