

Arete

Sample: 03-31-2023-31895

Sample Received: 03/31/2023;

Report Created: 04/05/2023; Expires: 04/02/2024

Grumpy Gorilla  
Plant, Flower - Cured



**0.495 %**

Total THC

**ND %**

Δ-9 THC

**14.738 %**

Total Cannabinoids

**11.712 %**

Total CBD

## Cannabinoids

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

Date Tested: 03/31/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0439	0.0658	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0439	0.0658	ND	ND	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0439	0.0658	<b>0.565</b>	<b>5.649</b>	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0439	0.0658	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0439	0.0658	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0439	0.0658	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0439	0.0658	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0439	0.0658	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0439	0.0658	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0439	0.0658	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0439	0.0658	ND	ND	
Cannabidivarin (CBDV)	0.0439	0.0658	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0184	0.0658	<LOQ	<LOQ	
Cannabidiol (CBD)	0.0439	0.0658	<b>0.267</b>	<b>2.667</b>	
Cannabidiolic Acid (CBDa)	0.0439	0.0658	<b>13.051</b>	<b>130.509</b>	
Cannabigerol (CBG)	0.0184	0.0658	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0439	0.0658	<b>0.362</b>	<b>3.623</b>	
Cannabinol (CBN)	0.0439	0.0658	ND	ND	
Cannabinolic Acid (CBNA)	0.0439	0.0658	ND	ND	
Cannabichromene (CBC)	0.0439	0.0658	ND	ND	
Cannabichromenic Acid (CBCA)	0.0439	0.0658	<b>0.493</b>	<b>4.930</b>	
<b>Total</b>			<b>14.738</b>	<b>147.378</b>	

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



New Bloom Labs  
6121 Heritage Park Drive, A500  
Chattanooga, TN 37416  
(844) 837-8223  
TN DEA#: RN0563975  
ANAB Testing Laboratory (AT-2868): ISO/IEC  
17025:2017

*Natalie Siracusa*  
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Laboratory Director

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## Terpenes

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

Date Tested: 03/31/2023

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	2024.924	2.025	
α-Humulene	0.750	3.000	1117.630	1.118	
α-Pinene	0.750	3.000	307.329	0.307	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	2709.869	2.710	
β-Myrcene	0.750	3.000	5731.178	5.731	
Borneol	0.750	3.000	127.821	0.128	
Camphene	0.750	3.000	71.815	0.072	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	60.674	0.061	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	782.324	0.782	
Linalool	0.750	3.000	1293.113	1.293	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	1678.008	1.678	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	28.962	0.029	
<b>Total</b>			16013.484	16.013	1.601%

## Primary Aromas

Clove



Cinnamon



Floral



Earthy



Lavender



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



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