

## Smoky Mountain CBD

344 County Road 875  
Etowah, TN 37331  
ryan@smokymountaincbd.com  
865-310-6466

Sample: 04-30-2024-49467

Sample Received: 04/30/2024;  
Report Created: 05/01/2024; Expires: 05/01/2025

Gushmintz  
Plant, Flower - Uncured



**16.693%**

Total THC

**<LOQ %**

Δ-9 THC

**19.527%**

Total Cannabinoids

**<LOQ %**

Total CBD

## Cannabinoids

(Testing Method: HPLC, CON-P-3000)  
Date Tested: 04/30/2024

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0493	0.0739	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0493	0.0739	<b>19.035</b>	<b>190.345</b>	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0493	0.0739	<b>0.101</b>	<b>1.015</b>	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0493	0.0739	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0493	0.0739	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0493	0.0739	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0493	0.0739	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0493	0.0739	ND	ND	
Cannabidivarin (CBDV)	0.0493	0.0739	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0493	0.0739	ND	ND	
Cannabidiol (CBD)	0.0493	0.0739	ND	ND	
Cannabidiolic Acid (CBDa)	0.0197	0.0739	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0493	0.0739	<b>0.118</b>	<b>1.182</b>	
Cannabigerolic Acid (CBGA)	0.0493	0.0739	<b>0.273</b>	<b>2.729</b>	
Cannabinol (CBN)	0.0493	0.0739	ND	ND	
Cannabinolic Acid (CBNA)	0.0493	0.0739	ND	ND	
Cannabichromene (CBC)	0.0493	0.0739	ND	ND	
Cannabichromenic Acid (CBCA)	0.0493	0.0739	<LOQ	<LOQ	
<b>Total</b>			<b>19.527</b>	<b>195.271</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*  
Natalie Siracusa  
Laboratory Director

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info@relims.com

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## Terpenes

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

Date Tested: 04/30/2024

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	543.873	0.544	
α-Humulene	0.750	3.000	6213.608	6.214	
α-Pinene	0.750	3.000	215.989	0.216	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	34.616	0.035	
β-Caryophyllene	0.750	3.000	16247.523	16.248	
β-Myrcene	0.750	3.000	1045.015	1.045	
Borneol	0.750	3.000	68.158	0.068	
Camphene	0.750	3.000	76.217	0.076	
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	52.435	0.052	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	1248.514	1.249	
Linalool	0.750	3.000	838.741	0.839	
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	34.254	0.034	
<b>Total</b>			26894.535	26.895	2.689 %

## Primary Aromas

Cinnamon



Hops



Lime



Clove



Lavender



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



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