

**Imperium Roots LLC**  
 402 W. 1st Street  
 Odessa, TX 79761  
 pcyphers@imperiumroots.com  
 432-599-0263

**Sample: 09-09-2022-24285**  
 Sample Received: 09/09/2022;  
 Report Created: 09/12/2022; Expires: 09/12/2023

2022-02-FRG  
 Plant, Flower - Cured



**0.452%**  
 Total THC

**<LOQ%**  
 Δ-9 THC

**14.999%**  
 Total Cannabinoids

**11.999%**  
 Total CBD

## Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000)  
 Date Tested: 09/09/2022

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	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0476	0.0714	0.515	5.152	
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	ND	ND	
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	<LOQ	<LOQ	
Cannabidiol (CBD)	0.0476	0.0714	0.920	9.200	
Cannabidiolic Acid (CBDa)	0.0476	0.0714	12.632	126.324	
Cannabigerol (CBG)	0.0476	0.0714	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0476	0.0714	0.363	3.629	
Cannabinol (CBN)	0.0476	0.0714	ND	ND	
Cannabinolic Acid (CBNA)	0.0476	0.0714	ND	ND	
Cannabichromene (CBC)	0.0476	0.0714	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.0476	0.0714	0.569	5.686	
<b>Total</b>			14.999	149.991	

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  
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## Terpenes

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

Date Tested: 09/09/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	557.754	0.558	<div style="width: 5%;"></div>
α-Humulene	0.750	3.000	441.862	0.442	<div style="width: 5%;"></div>
α-Pinene	0.750	3.000	437.252	0.437	<div style="width: 5%;"></div>
α-Terpinene	0.750	3.000	253.677	0.254	<div style="width: 5%;"></div>
1,8-Cineole	0.750	3.000	50.952	0.051	<div style="width: 5%;"></div>
β-Caryophyllene	0.750	3.000	1421.123	1.421	<div style="width: 15%;"></div>
β-Myrcene	0.750	3.000	1245.844	1.246	<div style="width: 15%;"></div>
Borneol	0.750	3.000	87.389	0.087	<div style="width: 5%;"></div>
Camphene	0.750	3.000	54.051	0.054	<div style="width: 5%;"></div>
Carene	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Caryophyllene Oxide	0.750	3.000	43.646	0.044	<div style="width: 5%;"></div>
Citral	0.750	3.000	<LOQ	<LOQ	<div style="width: 0%;"></div>
Dihydrocarveol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Fenchone	0.750	3.000	27.111	0.027	<div style="width: 5%;"></div>
γ-Terpinene	0.750	3.000	168.576	0.169	<div style="width: 5%;"></div>
Limonene	0.750	3.000	592.093	0.592	<div style="width: 5%;"></div>
Linalool	0.750	3.000	583.325	0.583	<div style="width: 5%;"></div>
Menthol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Nerolidol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Ocimene	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Pulegone	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Terpinolene	0.750	3.000	5319.272	5.319	<div style="width: 50%;"></div>
<b>Total</b>			<b>11283.926</b>	<b>11.284</b>	<b>1.128 %</b>

## Primary Aromas

Herbal



Cinnamon



Clove



Lime



Lavender



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



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