

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

**Sample: 09-09-2022-24280**  
 Sample Received: 09/09/2022;  
 Report Created: 09/12/2022; Expires: 09/12/2023

2022-02-PPI  
 Plant, Flower - Cured



**0.413%**  
 Total THC

**<LOQ%**  
 Δ-9 THC

**13.407%**  
 Total Cannabinoids

**10.796%**  
 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)	0.0463	0.0694	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0463	0.0694	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0463	0.0694	<b>0.471</b>	<b>4.713</b>	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0463	0.0694	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0463	0.0694	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0463	0.0694	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0463	0.0694	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0463	0.0694	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0463	0.0694	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0463	0.0694	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0463	0.0694	ND	ND	
Cannabidivarin (CBDV)	0.0463	0.0694	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0407	0.0694	<LOQ	<LOQ	
Cannabidiol (CBD)	0.0463	0.0694	<b>0.973</b>	<b>9.731</b>	
Cannabidiolic Acid (CBDa)	0.0463	0.0694	<b>11.201</b>	<b>112.009</b>	
Cannabigerol (CBG)	0.0463	0.0694	ND	ND	
Cannabigerolic Acid (CBGA)	0.0463	0.0694	<b>0.223</b>	<b>2.231</b>	
Cannabinol (CBN)	0.0463	0.0694	ND	ND	
Cannabinolic Acid (CBNA)	0.0463	0.0694	ND	ND	
Cannabichromene (CBC)	0.0463	0.0694	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.0463	0.0694	<b>0.539</b>	<b>5.389</b>	
<b>Total</b>			<b>13.407</b>	<b>134.073</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  
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 TN DEA#: RN0563975

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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	1118.149	1.118	
α-Humulene	0.750	3.000	357.186	0.357	
α-Pinene	0.750	3.000	344.439	0.344	
α-Terpinene	0.750	3.000	167.544	0.168	
1,8-Cineole	0.750	3.000	26.019	0.026	
β-Caryophyllene	0.750	3.000	1296.464	1.296	
β-Myrcene	0.750	3.000	1905.375	1.905	
Borneol	0.750	3.000	80.845	0.081	
Camphene	0.750	3.000	39.036	0.039	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	50.328	0.050	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	22.745	0.023	
γ-Terpinene	0.750	3.000	108.778	0.109	
Limonene	0.750	3.000	726.947	0.727	
Linalool	0.750	3.000	69.406	0.069	
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	4105.869	4.106	
<b>Total</b>			10419.130	10.419	1.042 %

## Primary Aromas

Herbal



Clave



Cinnamon



Floral



Lime



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



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