

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

Sample: 09-09-2022-24283
 Sample Received: 09/09/2022;
 Report Created: 09/12/2022; Expires: 09/12/2023

2022-02-SBK
 Plant, Flower - Cured



0.686%
 Total THC

0.166%
 Δ-9 THC

18.858 %
 Total Cannabinoids

15.136 %
 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)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0483	0.0725	0.166	1.662	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0483	0.0725	0.592	5.923	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0483	0.0725	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0483	0.0725	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0483	0.0725	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0483	0.0725	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0483	0.0725	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0483	0.0725	ND	ND	
Cannabidivarin (CBDV)	0.0483	0.0725	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0483	0.0725	0.105	1.053	
Cannabidiol (CBD)	0.0483	0.0725	2.336	23.362	
Cannabidiolic Acid (CBDA)	0.0483	0.0725	14.595	145.952	
Cannabigerol (CBG)	0.0338	0.0725	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0483	0.0725	0.251	2.512	
Cannabinol (CBN)	0.0483	0.0725	ND	ND	
Cannabinolic Acid (CBNA)	0.0483	0.0725	ND	ND	
Cannabichromene (CBC)	0.0483	0.0725	0.144	1.440	
Cannabichromenic Acid (CBCA)	0.0483	0.0725	0.668	6.676	
Total			18.858	188.580	

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



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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	848.157	0.848	<div style="width: 10%;"></div>
α-Humulene	0.750	3.000	634.059	0.634	<div style="width: 8%;"></div>
α-Pinene	0.750	3.000	653.101	0.653	<div style="width: 8%;"></div>
α-Terpinene	0.750	3.000	195.579	0.196	<div style="width: 2%;"></div>
1,8-Cineole	0.750	3.000	42.322	0.042	<div style="width: 0.5%;"></div>
β-Caryophyllene	0.750	3.000	2622.731	2.623	<div style="width: 33%;"></div>
β-Myrcene	0.750	3.000	2933.961	2.934	<div style="width: 37%;"></div>
Borneol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Camphene	0.750	3.000	67.740	0.068	<div style="width: 0.8%;"></div>
Carene	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Caryophyllene Oxide	0.750	3.000	385.750	0.386	<div style="width: 4.8%;"></div>
Citral	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Dihydrocarveol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Fenchone	0.750	3.000	50.639	0.051	<div style="width: 0.6%;"></div>
γ-Terpinene	0.750	3.000	140.703	0.141	<div style="width: 1.8%;"></div>
Limonene	0.750	3.000	1095.403	1.095	<div style="width: 13.7%;"></div>
Linalool	0.750	3.000	478.172	0.478	<div style="width: 5.9%;"></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	3986.724	3.987	<div style="width: 49.8%;"></div>
Pulegone	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Terpinolene	0.750	3.000	3952.322	3.952	<div style="width: 49.4%;"></div>
Total			18087.366	18.087	1.809 %

Primary Aromas

Earthy



Herbal



Clove



Cinnamon



Lime



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



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