

## Certificate of Analysis

Page: 1 of 1

## **Rush Hemp Farms**

## 425 Martin Mill Pike Maryville, TN 37853 rushhempfarms@gmail.com 865-210-5440

Sample: 12-13-2023-42982

Sample Received: 12/13/2023; Report Created: 12/14/2023; Expires: 12/13/2024

2500mg/5000mg CBD Ingestible , Tincture							
		0.250 % Total THC			<b>0.250</b> % Δ-9 THC		
		<b>9.702 %</b> Total Cannabinoids			<b>8.769 %</b> Total CBD		
Cannabinoids (Testing Method:HPLC, CON-P-3000) Date Tested: 12/13/2023						Comple	ete
Analyte	LOD	LOQ	Mass	Mass			
	%	%	%				
			70	mg/g			
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)	0.0102	0.0152	0.026	0.262			
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0102	0.0152	0.250	2.504			
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0102	0.0152	ND	ND			
$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0102	0.0152	ND	ND			
$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.0102	0.0152	ND	ND			
$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)	0.0102	0.0152	ND	ND			
$R-\Delta$ -10-Tetrahydrocannabinol ( $R-\Delta$ -10-THC)	0.0102	0.0152	ND	ND			
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0102	0.0152	ND	ND			
9R-Hexahydrocannabinol (9R-HHC)	0.0102	0.0152	ND	ND			
9S-Hexahydrocannabinol (9S-HHC)	0.0102	0.0152	ND	ND			
Tetrahydrocannabinol Acetate (THCO)	0.0102	0.0152	ND	ND			
Cannabidivarin (CBDV)	0.0102	0.0152	0.099	0.985			
Cannabidivarinic Acid (CBDVA)	0.0102	0.0152	ND	ND			
Cannabidiol (CBD)	0.0102	0.0152	8.769	87.691			
Cannabidiolic Acid (CBDA)	0.0102	0.0152	ND	ND			
Cannabigerol (CBG)	0.0102 0.0102	0.0152 0.0152	0.174	1.736 ND			
Cannabigerolic Acid (CBGA)	0.0102	0.0152	ND				
		0.0152	0.059	0.593	•		
Cannabinol (CBN)			ND	ND			
Cannabinol (CBN) Cannabinolic Acid (CBNA)	0.0102	0.0152	ND	ND			
Cannabinol (CBN)			ND <b>0.325</b> ND	ND <b>3.245</b> ND			

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:  $\pm$  0.050% Total CBD Measurement of Uncertainty:  $\pm$  2.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -9-THCO isomers



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Laboratory Director

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