

Certificate of Analysis

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Rush Hemp Farms

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Sample: 12-13-2023-42978

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

500mg CBD Ingestible , Tincture							
Standing and a standi		0.055 % Total THC			0.055 % Δ-9 THC		
	Tota	1.954 % Total Cannabinoids			1.787 % Total CBD		
Cannabinoids (Testing Method: HPLC, CON-P-3000) Date Tested: 12/13/2023						Complete	
Analyte	LOD	LOQ	Mass	Mass			
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	%	%	mg/g			
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)	0.0098	0.0147	ND	ND			
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0098	0.0147	0.055	0.547			
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0098 0.0098	0.0147 0.0147	ND ND	ND ND			
	0.0098	0.0147		ND			
$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.0098	0.0147	ND ND	ND			
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0098	0.0147	ND	ND			
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0098	0.0147	ND	ND			
9R-Hexahydrocannabinol (9R-HHC)	0.0098	0.0147	ND	ND			
9S-Hexahydrocannabinol (9S-HHC)	0.0098	0.0147	ND	ND			
Tetrahydrocannabinol Acetate (THCO)	0.0098	0.0147	ND	ND			
Cannabidivarin (CBDV)	0.0098	0.0147	0.018	0.182			
Cannabidivarinic Acid (CBDVA)	0.0098	0.0147	ND	ND			
Cannabidiol (CBD)	0.0098	0.0147	1.787	17.869			
Cannabidiolic Acid (CBDA)	0.0098	0.0147	ND	ND			
Cannabigerol (CBG)	0.0098	0.0147	0.032	0.324	l i		
Cannabigerolic Acid (CBGA)	0.0098	0.0147	ND	ND			
Cannabinol (CBN)	0.0098	0.0147	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>			
Cannabinolic Acid (CBNA)	0.0098	0.0147	ND	ND			
Cannabichromene (CBC)	0.0098	0.0147	0.062	0.620			
Cannabichromenic Acid (CBCA)	0.0098	0.0147	ND	ND			
Total			1.954	19.542			

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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Natalie Siracusa

Laboratory Director

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