

Certificate of Analysis

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Rush Hemp Farms

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

Sample: 04-25-2024-49311

Sample Received:04/25/2024; Report Created: 04/26/2024; Expires: 04/26/2025

g Louis THCa Badder centrate & Extracts							
		58.127 % Total THC 67.030 % Total Cannabinoids			ND % Δ-9 THC ND % Total CBD		
1000 40311 CAR							
annabinoids sting Method:HPLC, CON-P-3000) te Tested: 04/25/2024					Comple		
Analyte	LOD	LOQ	Mass	Mass			
	%	%	%	mg/g			
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0962	0.1442	ND	ND			
Δ -o-Tetrahydrocannabinol (Δ -o THC)	0.0962	0.1442	ND	ND			
Δ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0962	0.1442	66.280	662.798			
Δ -9-Tetrahydrocannabinoid Acid (TTCR A) Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP)	0.0962	0.1442	ND	ND			
Δ -9-Tetrahydrocannabivarin (Δ -9-THCV)	0.0962	0.1442	ND	ND			
Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA)	0.0962	0.1442	0.581	5.808			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0962	0.1442	ND	ND			
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0962	0.1442	ND	ND			
9R-Hexahydrocannabinol (9R-HHC)	0.0962	0.1442	ND	ND			
9S-Hexahydrocannabinol (9S-HHC)	0.0962	0.1442	ND	ND			
Tetrahydrocannabinol Acetate (THCO)	0.0962	0.1442	ND	ND			
Cannabidivarin (CBDV)	0.0962	0.1442	ND	ND			
Cannabidivarinic Acid (CBDVA)	0.0962	0.1442	ND	ND			
Cannabidiol (CBD)	0.0962	0.1442	ND	ND			
	0.0962	0.1442	ND	ND			
Cannabidiolic Acid (CBDA)	0.0702		ND	ND			
	0.0962	0.1442					
Cannabidiolic Acid (CBDA)		0.1442 0.1442	ND	ND			
Cannabidiolic Acid (CBDA) Cannabigerol (CBG)	0.0962			ND ND			
Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA)	0.0962 0.0962	0.1442	ND				
Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN)	0.0962 0.0962 0.0962	0.1442 0.1442	ND ND	ND			
Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN) Cannabinolic Acid (CBNA)	0.0962 0.0962 0.0962 0.0962	0.1442 0.1442 0.1442	ND ND 0.169	ND 1.692			

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 0.040% Total CBD Measurement of Uncertainty: \pm 2.000% THCO potency analysis does not designate quantitative specificity of Δ -8-THCO and Δ -9-THCO isomers



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa

Laboratory Director

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All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.



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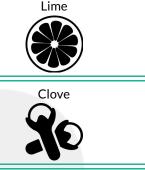
King Louis THCa Badder Concentrate & Extracts

Terpenes

(Testing Method:HS-GC/MS, CON-P-4000) Data Tastadi 04/05/0004

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	8281.202	8.281	
α-Pinene	0.750	3.000	8949.543	8.950	
α-Terpinene	0.750	3.000	<loq< td=""><td><loq< td=""><td>1</td></loq<></td></loq<>	<loq< td=""><td>1</td></loq<>	1
1,8-Cineole	0.750	3.000	ND	ND	
β-Caryophyllene	0.750	3.000	20580.936	20.581	
β-Myrcene	0.750	3.000	21101.649	21.102	
Borneol	0.750	3.000	ND	ND	
Camphene	0.750	3.000	<loq< td=""><td><loq< td=""><td>1</td></loq<></td></loq<>	<loq< td=""><td>1</td></loq<>	1
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	1
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	ND	ND	
y-Terpinene	0.750	3.000	ND	ND	
Limonene	0.750	3.000	33520.191	33.520	
Linalool	0.750	3.000	9498.723	9.499	
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	3542.564	3.543	
Total			105906.436	105.906	10.591%





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Primary Aromas

Sample Received:04/25/2024;









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



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