

Sample: 08-02-2023-36550W2919

Sample Received: 08/02/2023;

Report Created: 08/03/2023; Expires: 08/02/2024

Blue Rhino 23 R&D
Plant cured

31.827 %

Total THC

0.299 %

Δ-9 THC

37.228 %

Total Cannabinoids

<LOQ %

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)

Date Tested: 08/02/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0503	0.0754	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0503	0.0754	0.299	2.990	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	35.950	359.497	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0503	0.0754	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0503	0.0754	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0503	0.0754	0.141	1.406	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0503	0.0754	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0503	0.0754	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0503	0.0754	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0503	0.0754	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0503	0.0754	ND	ND	
Cannabidivarin (CBDV)	0.0503	0.0754	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0503	0.0754	ND	ND	
Cannabidiol (CBD)	0.0503	0.0754	ND	ND	
Cannabidiolic Acid (CBDA)	0.0382	0.0754	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0382	0.0754	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.0503	0.0754	0.839	8.392	
Cannabinol (CBN)	0.0503	0.0754	ND	ND	
Cannabinolic Acid (CBNA)	0.0503	0.0754	ND	ND	
Cannabichromene (CBC)	0.0503	0.0754	ND	ND	
Cannabichromenic Acid (CBCA)	0.0503	0.0754	<LOQ	<LOQ	
Total			37.228	372.285	

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: ± 0.050%

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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Blue Rhino 23 R&D
Plant cured

Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 08/02/2023

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	814.184	0.814	
α-Humulene	0.750	3.000	1918.834	1.919	
α-Pinene	0.750	3.000	656.468	0.656	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	6076.066	6.076	
β-Myrcene	0.750	3.000	2452.218	2.452	
Borneol	0.750	3.000	214.081	0.214	
Camphene	0.750	3.000	216.709	0.217	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	>3.000	>0.003	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	46.355	0.046	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	3964.003	3.964	
Linalool	0.750	3.000	5602.756	5.603	
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	75.091	0.075	
Total			22172.864	22.173	2.217 %

Primary Aromas

Cinnamon



Lavender



Lime



Clove



Hops



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



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