

Certificate of Analysis

CONTRACTOR OF THE OWNER

Perfect Plant Hemp

Nashville, TN 37209

300 White Bridge Pike

Sample: 05-26-2023-33996W2583

Sample Received:05/26/2023; Report Created: 05/30/2023; Expires: 05/29/2024

		21.418 %			0.174 %	
and the second second						
Mag 330g Order 1 st	Total THC 25.978 % Total Cannabinoids			Δ-9 THC <loq %<br="">Total CBD</loq>		
						Dinoids od:HPLC, CON-P-3000) 05/26/2023
Analyte	LOD	LOQ	Mass	Mass		
	%	%	%	mg/g		
	0.0400	0.0705	ND			
Δ -8-Tetrahydrocannabinol (Δ -8 THC)	0.0490	0.0735	ND	ND		
Δ -9-Tetrahydrocannabinol (Δ -9 THC)	0.0490	0.0735	0.174	1.735		
Δ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0490	0.0735	24.224	242.235		
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0490	0.0735	ND	ND		
	0.0490	0.0735 0.0735	ND 0.083	ND 0.833		
	0.0400		0.083	0.833		
Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA)	0.0490		ND			
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0490	0.0735	ND	ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0490 0.0490	0.0735 0.0735	ND	ND		
Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA) R- Δ -10-Tetrahydrocannabinol (R- Δ -10-THC) S- Δ -10-Tetrahydrocannabinol (S- Δ -10-THC) 9R-Hexahydrocannabinol (9R-HHC)	0.0490 0.0490 0.0490	0.0735 0.0735 0.0735	ND ND	ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC)	0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735	ND ND ND	ND ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO)	0.0490 0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND	ND ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND	ND ND ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND	ND ND ND ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol (S-HHC) Cannabidivarin (CBDV) Cannabidiol (CBD)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND ND	ND ND ND ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol (9S-HHC) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0353	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND ND	ND ND ND ND ND <loq< td=""><td></td></loq<>		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9C-Hexahydrocannabinol (S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabidiolic Acid (CBDA) Cannabigerol (CBG)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0353 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND <loq 0.232</loq 	ND ND ND ND ND <loq 2.324</loq 		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9C-Hexahydrocannabinol (S-Δ-10-THC) 9C-Hexahydrocannabinol (S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0353 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND <loq 0.232 1.266</loq 	ND ND ND ND ND <loq 2.324 12.657</loq 		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-0.10) 9S-Hexahydrocannabinol (S-HHC) 9S-Hexahydrocannabinol Acetate (THCO) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabiolo (CBN)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0353 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND <loq 0.232 1.266 ND</loq 	ND ND ND ND ND <loq 2.324 12.657 ND</loq 		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerol (CBG)Cannabinol (CBN)Cannabinol (CBN)Cannabinol (CBN)Cannabinol (CBN)Cannabinol (CBNA)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0353 0.0490 0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND <loq 0.232 1.266 ND ND</loq 	ND ND ND ND COQ 2.324 12.657 ND ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (S-0.10) 9S-Hexahydrocannabinol (S-HHC) 9S-Hexahydrocannabinol Acetate (THCO) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabiolo (CBN)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0353 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND <loq 0.232 1.266 ND</loq 	ND ND ND ND ND <loq 2.324 12.657 ND</loq 		

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 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

Natalie Siracusa

Laboratory Director

Powered by reLIMS info@relims.com

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