

Certificate of Analysis

Perfect Plant Hemp

Nashville, TN 37209

300 White Bridge Pike

Sample: 09-14-2023-38528W3313

Sample Received:09/14/2023; Report Created: 09/15/2023; Expires: 09/14/2024

red						
Arcitratesco Ordern Jan	28.192 % Total THC				0.128 % Δ-9 THC	
		32.815 % I Cannab			ND % Total CBD	
abinoids thod:HPLC, CON-P-3000) d: 09/14/2023					Co	
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	0.128	1.276		
Δ -9-Tetrahydrocannabinol (Δ -9 THC) Δ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503 0.0503	0.0754 0.0754	0.128 32.000	1.276 320.000		
Δ-9-Tetrahydrocannabinol (Δ-9 THC) Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)						
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	32.000	320.000		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0503 0.0503	0.0754 0.0754	32.000 ND	320.000 ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0503 0.0503 0.0503	0.0754 0.0754 0.0754	32.000 ND ND	320.000 ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754	32.000 ND ND 0.095	320.000 ND ND 0.945		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND ND 0.095 ND	320.000 ND ND 0.945 ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND ND 0.095 ND ND	320.000 ND ND 0.945 ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) 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)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND	320.000 ND 0.945 ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND	320.000 ND 0.945 ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarin (Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabionol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9C-110-THC) 9S-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarin (Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9S-410-THC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (9S-HHC)Cannabidivarin (CBDV)Cannabidivarin (CBDV)Cannabidi (CBD)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarin (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9C-Δ-10-THC)9R-Hexahydrocannabinol (9C-Δ-10-THC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (9S-HHC)Cannabidivarin (CBDV)Cannabidivarin (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarinc Acid (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9C-10-THC)9S-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol Acetate (THCO)Cannabidivarin (CBDV)Cannabidivarinc Acid (CBDVA)Cannabidiol (CBD)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)Δ-9-Tetrahydrocannabivarin (Δ-9-THCVA)R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9R-Hexahydrocannabinol (9C-Δ-10-THC)9R-Hexahydrocannabinol (9C-Δ-10-THC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (9S-HHC)Cannabidivarin (CBDV)Cannabidivarin (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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 (9C-10-THC)9R-Hexahydrocannabinol (9S-HHC)7etrahydrocannabinol (9S-HHC)Cannabidivarini (CBDV)Cannabidivarini CcBDVCannabidiol (CBD)Cannabidiol (CBDA)Cannabidol (CBG)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND 0.095 ND ND ND ND ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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 (9C-10-THC)9R-Hexahydrocannabinol (9C-10-THC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (9S-HHC)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDA)Cannabidol (CBD)Cannabiger (CBG)Cannabiger (CBG)Cannabiger (CBN)Cannabinol (CBN)Cannabinol (CBN)Cannabinol (CBN)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND ND ND ND ND ND ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND ND ND A121 ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)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 (9S-410-THC)9S-Hexahydrocannabinol (9S-HHC)7etrahydrocannabinol (9S-HHC)Cannabidivarinic Acid (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)Cannabiol (CBN)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	32.000 ND ND ND ND ND ND ND ND ND ND ND ND ND	320.000 ND 0.945 ND ND ND ND ND ND ND ND ND ND ND ND 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 Δ -8-THCO and Δ -9-THCO isomers



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Natalie Siracusa

Laboratory Director

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