

Nashville, Tn 37209

## Certificate of Analysis

## Perfect Plant Hemp Co 300 White Bridge Pike

## Sample: 11-15-2023-41696W4941

Sample Received:11/15/2023; Report Created: 11/16/2023; Expires: 11/15/2024

Gold ed											
Aug		24.181 %			0.127 %						
Acon.41596 Order# 1984	Total THC 28.710 % Total Cannabinoids			Δ-9 THC <loq %<br="">Total CBD</loq>							
						<b>binoids</b> nod:HPLC, CON-P-3000) 11/15/2023					
						Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g							
	0.0476	0.0714	ND	ND							
Δ-8-Tetrahydrocannabinol (Δ-8 THC) Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0478	0.0714	0.127	1.267	-						
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0478	0.0714	27.428	274.276							
$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0476	0.0714	27.420 ND	274.270 ND							
$\Delta$ -9-Tetrahydrocannabiyarin ( $\Delta$ -9-THCV)	0.0476	0.0714	ND	ND							
$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)	0.0476	0.0714	0.091	0.914	1						
$R-\Delta$ -10-Tetrahydrocannabinol ( $R-\Delta$ -10-THC)	0.0476	0.0714	ND	ND							
			ND	ND							
	0.0476	0.0714									
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC)	0.0476 0.0476	0.0714 0.0714	ND	ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)				ND ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC)	0.0476	0.0714	ND								
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC)	0.0476 0.0476	0.0714 0.0714	ND ND	ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO)	0.0476 0.0476 0.0476	0.0714 0.0714 0.0714	ND ND ND	ND ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV)	0.0476 0.0476 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714	ND ND ND	ND ND ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA)	0.0476 0.0476 0.0476 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND	ND ND ND ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD)	0.0476 0.0476 0.0476 0.0476 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND ND	ND ND ND ND							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0476 0.0476 0.0476 0.0476 0.0476 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND ND	ND ND ND ND <loq< td=""><td></td></loq<>							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabidiolic Acid (CBDA) Cannabigerol (CBG)	0.0476 0.0476 0.0476 0.0476 0.0476 0.0476 0.0190 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND ND <loq< td=""><td>ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </td></loq<>	ND ND ND ND <loq <loq< td=""><td></td></loq<></loq 							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA)	0.0476 0.0476 0.0476 0.0476 0.0476 0.0476 0.0190 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND SD SD SD SD SD SD SD SD SD SD SD SD SD	ND ND ND <loq 4.00Q</loq 							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN)	0.0476 0.0476 0.0476 0.0476 0.0476 0.0476 0.0190 0.0476 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND <loq <loq 0.493 ND</loq </loq 	ND ND ND <loq <loq 4.933 ND</loq </loq 							
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN) Cannabinol (CBN)	0.0476 0.0476 0.0476 0.0476 0.0476 0.0476 0.0190 0.0476 0.0476 0.0476 0.0476 0.0476	0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714 0.0714	ND ND ND ND <loq <loq 0.493 ND <loq< td=""><td>ND ND ND <loq <loq 4.933 ND <loq< td=""><td></td></loq<></loq </loq </td></loq<></loq </loq 	ND ND ND <loq <loq 4.933 ND <loq< td=""><td></td></loq<></loq </loq 							

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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Laboratory Director

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