

## Certificate of Analysis

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## **Appalachian Standard**

91 Holbrook Road Candler, NC 28715 customerservice@ross.farm 828-771-8801

## Sample: 11-28-2023-42142W3913

Sample Received:11/28/2023; Report Created: 11/29/2023; Expires: 11/28/2024

	18.902 %			0.202 % Δ-9 THC <loq %<br="">Total CBD</loq>	
	Total THC 22.556 % Total Cannabinoids				
Arcar 42162 Ordern 1994					
Dinoids od:HPLC, CON-P-3000) 1/28/2023					С
Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0485	0.0728	ND	ND	
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0485	0.0728	0.202	2.019	1
$\Delta$ -9-Tetrahydrocannabinol( $\Delta$ ') (THCA-A)	0.0485	0.0728	21.322	213.223	
$\Delta$ -9-Tetrahydrocannabihorol ( $\Delta$ -9-THCP)	0.0485	0.0728	ND	ND	
$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.0485	0.0728	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0485	0.0728	0.077	0.767	
	0.0485	0.0728	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)					
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0485	0.0728	ND	ND	
S- $\Delta$ -10-Tetrahydrocannabinol (S- $\Delta$ -10-THC)		0.0728 0.0728	ND ND	ND ND	
	0.0485				
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC)	0.0485 0.0485	0.0728	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC)	0.0485 0.0485 0.0485	0.0728 0.0728	ND ND	ND ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 9R-Hexahydrocannabinol (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO)	0.0485 0.0485 0.0485 0.0485	0.0728 0.0728 0.0728	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)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485	0.0728 0.0728 0.0728 0.0728	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)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485	0.0728 0.0728 0.0728 0.0728 0.0728	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)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485	0.0728 0.0728 0.0728 0.0728 0.0728 0.0728	ND 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) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0291	0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728	ND ND ND ND ND <loq< td=""><td>ND ND ND ND ND <loq< td=""><td></td></loq<></td></loq<>	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) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0291 0.0291	0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728	ND ND ND ND <loq <loq< td=""><td>ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </td></loq<></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) Cannabidivarinic Acid (CBDVA) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0291 0.0291 0.0291 0.0485	0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728	ND ND ND ND <loq <loq 0.874</loq </loq 	ND ND ND ND <loq <loq 8.738</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)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0291 0.0291 0.0291 0.0485 0.0485	0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728	ND ND ND ND <loq <loq 0.874 ND</loq </loq 	ND ND ND ND <loq <loq 8.738 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) Cannabinolic Acid (CBNA)	0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0485 0.0291 0.0291 0.0291 0.0485 0.0485 0.0485	0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728 0.0728	ND ND ND ND SLOQ SLOQ O.874 ND ND	ND ND ND ND <loq <loq 8.738 ND ND</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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Toblesso Natalie Siracusa

Laboratory Director

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