

Certificate of Analysis

Arete

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Sample: 10-30-2023-40869

Sample Received: 10/30/2023; Report Created: 11/19/2023; Expires: 10/30/2024

/er - Wet						
	15.715 % Total THC 18.595 % Total Cannabinoids				0.281 % Δ-9 THC ND %	
14 40860 CO.				Total CBD		
binoids thod:HPLC, CON-P-3000) : 10/30/2023					Co	
Analyte	LOD	LOQ	Mass	Mass		
	%	%	%	mg/g		
Δ -8-Tetrahydrocannabinol (Δ-8 THC)	0.0490	0.0735	ND	ND		
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0490	0.0735	0.281	2.814		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0490	0.0735	17.598	175.980		
Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP)	0.0490	0.0735	ND	ND		
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0490 0.0490	0.0735 0.0735	ND ND	ND ND		
Δ -9-Tetrahydrocannabivarin (Δ -9-THCV)	0.0490	0.0735	ND	ND		
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0490 0.0490	0.0735 0.0735	ND ND	ND ND		
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0490 0.0490 0.0490	0.0735 0.0735 0.0735	ND ND ND	ND ND ND		
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)	0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735	ND ND ND ND	ND ND ND		
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)	0.0490 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 ND		
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)	0.0490 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 ND ND		
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) Tetrahydrocannabinol Acetate (THCO)	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 ND		
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) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV)	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 ND		
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) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490	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 ND ND ND		
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) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD)	0.0490 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 0.0735 0.0735	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND		
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)Tetrahydrocannabinol (9S-HHC)Cannabidivarini (CBDV)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 0.0490 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 ND ND ND ND ND	ND ND ND ND ND ND ND ND		
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)Tetrahydrocannabinol Acetate (THCO)Cannabidivarini (CBDV)Cannabidiol (CBD)Cannabidioli (CBD)Cannabidioli (CBDA)Cannabigerol (CBG)Cannabigerol (CBG)Cannabigeroli (CBGA)	0.0490 0.0490 0.0490 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 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND SLOQ		
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)Tetrahydrocannabinol Acetate (THCO)Cannabidivarini (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidil (CBD)Cannabidil (CBC)Cannabidil (CBN)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0382 0.0490 0.0382	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 0.0735 0.0735	ND ND ND ND ND ND ND ND SLOQ 0.363 ND	ND ND ND ND ND ND ND CLOQ 3.627 ND		
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 (S-Δ-10-THC)9R-Hexahydrocannabinol (S-Δ-10-THC)9S-Hexahydrocannabinol (S-Δ-10-THC)9S-Hexahydrocannabinol (S-Δ-10-THC)9S-Hexahydrocannabinol (S-Δ-10-THC)9S-Hexahydrocannabinol (S-Δ-10-THC)9S-Hexahydrocannabinol (S-Δ-10-THC)9C-Hexahydrocannabinol (S-Δ-10-THC)9C-Hexahydrocannabinol (S-Δ-10-THC)9C-Hexahydrocannabinol (S-Δ-10-THC)9C-Hexahydrocannabinol (S-Δ-10-THC)9C-Hexahydrocannabinol (S-Δ-10-THC)9C-Hexahydrocannabinol (CBDV)Cannabidiolic Acid (CBA)Cannabigerolic Acid (CBGA)Cannabinol (CBN)Cannabinolic Acid (CBNA)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0382 0.0490 0.0382 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 0.0735 0.0735 0.0735	ND ND ND ND ND ND ND ND SLOQ 0.363 ND ND	ND ND ND ND ND ND ND CLOQ 3.627 ND ND		
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)Tetrahydrocannabinol Acetate (THCO)Cannabidivarini (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidil (CBD)Cannabidil (CBC)Cannabidil (CBN)	0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0490 0.0382 0.0490 0.0382	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 0.0735 0.0735	ND ND ND ND ND ND ND ND SLOQ 0.363 ND	ND ND ND ND ND ND ND CLOQ 3.627 ND		

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

Amended report issued to reflect change in sample identification.

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