

Certificate of Analysis

CONTRACTOR OF

Arete

Sample: 06-13-2023-34652

Sample Received:06/13/2023; Report Created: 06/16/2023; Expires: 06/13/2024

Activities communication	16.361 % Total THC 20.095 % Total Cannabinoids			0.079 % Δ-9 THC <loq %<br="">Total CBD</loq>								
							Dinoids Ind:HPLC, CON-P-3000)					
							06/13/2023 Analyte	LOD	LOQ	Mass	Mass	
							%	%	%	mg/g		
Δ -8-Tetrahydrocannabinol (Δ -8 THC)	0.0478	0.0718	ND	ND								
Δ -9-Tetrahydrocannabinol (Δ -9 THC)	0.0478	0.0718	0.079	0.794	1							
Δ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0478	0.0718	18.565	185.646								
Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP)	0.0478	0.0718	18.505 ND	185.040 ND								
		0.0710	ne in	nib.								
A-9-Tetrahydrocannabiyarin (A-9-THCV)		0.0718	ND	ND								
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0478	0.0718	ND <1.00	ND <1.00	_							
Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA)	0.0478 0.0201	0.0718	<loq< td=""><td><loq< td=""><td>(</td></loq<></td></loq<>	<loq< td=""><td>(</td></loq<>	(
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0478 0.0201 0.0478	0.0718 0.0718	<loq ND</loq 	<loq ND</loq 	L							
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0478 0.0201	0.0718	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>								
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0478 0.0201 0.0478 0.0478	0.0718 0.0718 0.0718	<loq ND ND</loq 	<loq ND 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 (9R-HHC)	0.0478 0.0201 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718	<loq ND ND ND</loq 	<loq ND ND 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 (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND</loq 	<loq ND ND 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 (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND</loq 	<loq ND ND ND 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 (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND</loq 	<loq ND ND ND ND 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 (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND ND</loq 	<loq ND ND ND ND ND 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 (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND ND ND</loq 	<loq ND ND ND ND ND 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 (9R-HHC) 9S-Hexahydrocannabinol (9S-HHC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND ND ND ND KDQ</loq 	<loq ND ND ND ND ND ND <loq< td=""><td></td></loq<></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) Cannabidivarini (CBDV) Cannabidiol (CBD) Cannabidiol (CBDA) Cannabidiol (CBG) Cannabidiol (CBG)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND ND ND CLOQ <loq< td=""><td><loq ND ND ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </loq </td></loq<></loq 	<loq ND ND ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </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) Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDA) Cannabidiol (CBG) Cannabigerol (CBG) Cannabigerol (CBGA)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0201 0.0201 0.0201	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND ND <loq <loq 1.162</loq </loq </loq 	<loq ND ND ND ND ND ND <loq <loq 11.617</loq </loq </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) Cannabidivarini (CBDV) Cannabidiol (CBD) Cannabidiol (CBDA) Cannabigerol (CBG) Cannabigerol (CBG) Cannabigerol (CBG) Cannabigerol (CBN)	0.0478 0.0201 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0478 0.0201 0.0201 0.0201 0.0478 0.0478	0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718 0.0718	<loq ND ND ND ND ND ND <loq <loq 1.162 ND</loq </loq </loq 	<loq ND ND ND ND ND <loq <loq LOQ ND</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 Δ -8-THCO and Δ -9-THCO isomers



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Natalie Siracusa

Laboratory Director

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Amended report issued to reflect change in sample identification.

All analyses were conducted at 6121 Heritage Park Dr, Suite A500 Chattanooga, TN 37416. Results published on this certificate relate only to the items tested. Items are tested as received. New Bloom Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of New Bloom Labs.