

## Certificate of Analysis

## Arete

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## Sample: 06-13-2023-34615

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

er - Uncured					
	18.176 % Total THC 22.881 % Total Cannabinoids			0.113 % Δ-9 THC <loq %<br="">Total CBD</loq>	
Sty, Acta-34e 15 Grupter inter					
Dinoids wod:HPLC, CON-P-3000) 06/13/2023					
Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
	0.0450	0.0/70	ND		
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)	0.0452	0.0679	ND	ND	
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0452	0.0679	0.113	1.131	
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0452	0.0679	20.596	205.964	
$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0452	0.0679	ND	ND	
	0.0452	0.0679	ND	ND	
$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)			<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)	0.0452	0.0679			
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0452	0.0679	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0452 0.0452	0.0679 0.0679	ND	ND	
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)	0.0452 0.0452 0.0452	0.0679 0.0679 0.0679	ND ND	ND ND	
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)	0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679	ND ND ND	ND ND ND	
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)	0.0452 0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND	ND ND ND	
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)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND	ND ND ND ND	
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)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND	ND ND ND ND ND	
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)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND ND	ND ND ND ND ND	
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-HHC)   9S-Hexahydrocannabinol (9S-HHC)   Tetrahydrocannabinol (9S-HHC)   Cannabidivarini (CBDV)   Cannabidiol (CBD)   Cannabidiolic Acid (CBDA)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND SLOQ	ND ND ND ND ND SLOQ	
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)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0299 0.0299	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND ND <loq <loq< td=""><td>ND ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </td></loq<></loq 	ND ND ND ND ND <loq <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 (9C-HHC)   9S-Hexahydrocannabinol (9S-HHC)   Tetrahydrocannabinol (9S-HHC)   Cannabidivarini (CBDV)   Cannabidiol (CBD)   Cannabidiolic Acid (CBDA)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND SLOQ	ND ND ND ND ND SLOQ	
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)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0299 0.0299	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND ND <loq <loq< td=""><td>ND ND ND ND ND <loq <loq< td=""><td></td></loq<></loq </td></loq<></loq 	ND ND ND ND ND <loq <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)   Cannabigerol (CBG)   Cannabigerol (CBGA)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0299 0.0299 0.0299	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND <loq <loq <b>1.924</b></loq </loq 	ND ND ND ND ND <loq <loq <b>19.240</b></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 (SBDV)   Cannabidiolic Acid (CBDA)   Cannabigerol (CBG)   Cannabigerolic Acid (CBGA)   Cannabinol (CBN)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0299 0.0299 0.0299 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND <loq <loq <b>1.924</b> ND</loq </loq 	ND ND ND ND COQ COQ ND ND ND	
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 (SBDV)   Cannabidiolic Acid (CBDA)   Cannabigerol (CBG)   Cannabigerolic Acid (CBGA)   Cannabinol (CBN)   Cannabinolic Acid (CBNA)	0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0452 0.0299 0.0299 0.0299 0.0452 0.0452 0.0452	0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679 0.0679	ND ND ND ND ND ND <loq <loq <b>1.924</b> ND ND</loq </loq 	ND ND ND ND <loq <loq 19.240 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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Natalie Siracusa

Laboratory Director

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.