

## Certificate of Analysis

## Arete

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## Sample: 09-07-2023-38123

Sample Received:09/07/2023; Report Created: 09/08/2023; Expires: 09/07/2024

Cake wer - Cured							
	0.140 % Total THC 17.755 % Total Cannabinoids				<b>ND %</b> Δ-9 THC		
				ND % Total CBD			
abinoids ethod:HPLC, CON-P-3000) ed: 09/07/2023						Cor	
Analyte	LOD	LOQ	Mass	Mass			
	%	%	%	mg/g			
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)	0.0503	0.0754	ND	ND			
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0503	0.0754	ND	ND			
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	0.160	1.598	1		
$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0503	0.0754	ND	ND			
$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.0503	0.0754	ND	ND			
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0503	0.0754	ND	ND			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0503	0.0754	ND	ND			
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0503	0.0754	ND	ND			
9R-Hexahydrocannabinol (9R-HHC)	0.0503	0.0754	ND	ND			
9S-Hexahydrocannabinol (9S-HHC)	0.0503	0.0754	ND	ND			
Tetrahydrocannabinol Acetate (THCO)	0.0503	0.0754	ND	ND			
Cannabidivarin (CBDV)	0.0503	0.0754	ND	ND			
Califiadiulvariii (CBDV)		0.0754	ND	ND			
Cannabidivarini (CBDV) Cannabidivarinic Acid (CBDVA)	0.0503	0.07 54					
	0.0503	0.0754	ND	ND			
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0503 0.0503	0.0754 0.0754	ND	ND			
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD)	0.0503 0.0503 0.0503	0.0754					
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0503 0.0503	0.0754 0.0754	ND	ND			
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG)	0.0503 0.0503 0.0503	0.0754 0.0754 0.0754	ND <b>0.614</b>	ND <b>6.141</b>			
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN) Cannabinolic Acid (CBNA)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	ND 0.614 16.811 ND ND	ND 6.141 168.111 ND ND			
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	ND 0.614 16.811 ND ND <loq< td=""><td>ND 6.141 168.111 ND ND <loq< td=""><td></td><td></td></loq<></td></loq<>	ND 6.141 168.111 ND ND <loq< td=""><td></td><td></td></loq<>			
Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN) Cannabinolic Acid (CBNA)	0.0503 0.0503 0.0503 0.0503 0.0503 0.0503 0.0503	0.0754 0.0754 0.0754 0.0754 0.0754 0.0754	ND 0.614 16.811 ND ND	ND 6.141 168.111 ND ND			

Total THC = THCa \* 0.877 + Δ9-THC;Total CBD = CBDa \* 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

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



New Bloom Labs 6121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 ANAB Testing Laboratory (AT-2868): ISO/IEC 17025:2017

Natalie Siracusa

Laboratory Director

Powered by reLIMS info@relims.com

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