

## Certificate of Analysis

## Arete

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## Sample: 12-06-2023-42640

Sample Received: 12/06/2023; Report Created: 02/13/2024; Expires: 12/06/2024

	19.520 % Total THC 24.465 % Total Cannabinoids				0.191 % Δ-9 THC <loq %<br="">Total CBD</loq>	
Accer42840 October 2011				Ī		
<b>iinoids</b> bithelc, CON-P-3000) 2/06/2023					C	
Analyte	LOD	LOQ	Mass	Mass		
	%	%	%	mg/g		
				ND		
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)	0.0437	0.0655	ND	NI)		
A Q Tetrobudrocomposing (A Q TUC)					1	
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0437	0.0655	0.191	1.913		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0437 0.0437	0.0655 0.0655	0.191 22.039	1.913 220.393		
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0437 0.0437 0.0437	0.0655 0.0655 0.0655	0.191 22.039 ND	1.913 220.393 ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND	1.913 220.393 ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq< td=""><td>1.913 220.393 ND ND <loq< td=""><td></td></loq<></td></loq<>	1.913 220.393 ND ND <loq< td=""><td></td></loq<>		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND</loq 	1.913 220.393 ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) 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)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND</loq 	1.913 220.393 ND ND <loq ND ND</loq 		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND <loq ND ND ND</loq 	1.913 220.393 ND ND <loq ND ND ND</loq 		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND</loq 	1.913 220.393 ND ND <loq ND ND</loq 		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND ND ND</loq 	1.913 220.393 ND ND <loq ND ND ND ND</loq 		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND ND ND ND</loq 	1.913 220.393 ND ND <loq ND ND ND ND ND</loq 		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> <li>Cannabidivarin (CBDV)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND ND ND ND ND ND</loq 	1.913 220.393 ND CLOQ ND ND ND ND ND ND		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> <li>Cannabidivarin (CBDV)</li> <li>Cannabidivarin (Acid (CBDVA)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND ND ND ND ND ND ND</loq 	1.913 220.393 ND CLOQ ND ND ND ND ND ND ND		
<ul> <li>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)</li> <li>Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)</li> <li>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</li> <li>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</li> <li>9R-Hexahydrocannabinol (9R-HHC)</li> <li>9S-Hexahydrocannabinol (9S-HHC)</li> <li>Tetrahydrocannabinol Acetate (THCO)</li> <li>Cannabidivarini (CBDV)</li> <li>Cannabidivarini (CBDV)</li> <li>Cannabidiol (CBD)</li> </ul>	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND <loq ND ND ND ND ND ND ND ND ND</loq 	1.913 220.393 ND CLOQ ND ND ND ND ND ND ND ND		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)         Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)         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 (9R-HHC)         9S-Hexahydrocannabinol (9S-HHC)         Tetrahydrocannabinol Acetate (THCO)         Cannabidivarin (CBDV)         Cannabidiolic Acid (CBDA)         Cannabidiolic Acid (CBDA)         Cannabigerol (CBG)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND VD VD ND ND ND ND ND ND VD VD VD VD VD VD VD VD VD VD VD	1.913 220.393 ND <loq ND ND ND ND ND ND ND SD <loq< td=""><td></td></loq<></loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)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)Cannabidivarin (CBDV)Cannabidivarin (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0262 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND VD VD ND ND ND ND ND VD VD VD VD VD VD VD VD VD VD VD	1.913 220.393 ND <loq ND ND ND ND ND ND CLOQ <loq 16.725</loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)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)Cannabidivarinic Acid (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)Cannabion (CBN)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0262 0.0437 0.0262	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND ND VD ND ND ND ND ND VD ND VD VD VD VD VD ND ND ND ND ND ND	1.913 220.393 ND <loq ND ND ND ND ND ND CLOQ <loq LOQ 16.725 ND</loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)         Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)         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 (R-Δ-10-THC)         9R-Hexahydrocannabinol (S-Δ-10-THC)         9R-Hexahydrocannabinol (9R-HHC)         9S-Hexahydrocannabinol (9S-HHC)         Tetrahydrocannabinol Acetate (THCO)         Cannabidivarini CADV)         Cannabidivarinic Acid (CBDVA)         Cannabidiolic Acid (CBDA)         Cannabigerol (CBG)         Cannabigerol (CBG)         Cannabiol (CBN)         Cannabinol (CBN)         Cannabinol (CBN)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0262 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND VD VD ND ND ND ND ND VD VD VD VD VD VD VD VD VD VD VD	1.913 220.393 ND <loq ND ND ND ND ND ND CLOQ <loq 16.725</loq </loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)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)Cannabidivarinic Acid (CBDVA)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)Cannabion (CBN)	0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0437 0.0262 0.0437 0.0437 0.0437	0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655 0.0655	0.191 22.039 ND VD VD ND ND ND ND ND VD VD VD VD VD VD VD VD VD VD VD VD VD	1.913 220.393 ND <loq ND ND ND ND ND ND CLOQ <loq 16.725 ND <loq< td=""><td></td></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  $\Delta$ -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

Amended report issued to reflect change in sample identification.

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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.