

## Certificate of Analysis

## Arete

.

## Sample: 06-13-2023-34649

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

	18.666 %Total THC23.497 %Total Cannabinoids				<loq %<="" th=""></loq>	
CARLES TOOL					Δ-9 THC ND % Total CBD	
And Contract of the section						
Dinoids Did:HPLC, CON-P-3000) 16/13/2023					c	
Analyte	LOD	LOQ	Mass	Mass		
	%	%	%	mg/g		
Δ-8-Tetrahydrocannabinol ( $Δ$ -8 THC)	0.0606	0.0909	ND	ND		
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)						
	0.0606	0.0909			1	
		0.0909 0.0909	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0606 0.0606 0.0606	0.0909 0.0909 0.0909	<loq <b>21.284</b></loq 	<loq 212.836</loq 		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0606	0.0909 0.0909	<loq <b>21.284</b> ND</loq 	<loq <b>212.836</b> ND</loq 		
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP) $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.0606 0.0606 0.0606	0.0909 0.0909 0.0909	<loq <b>21.284</b> ND ND</loq 	<loq 212.836 ND ND</loq 		
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP) $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV) $\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)	0.0606 0.0606 0.0606 0.0461	0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq< td=""><td><loq 212.836 ND ND <loq< td=""><td></td></loq<></loq </td></loq<></loq 	<loq 212.836 ND ND <loq< td=""><td></td></loq<></loq 		
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP) $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV) $\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA) R- $\Delta$ -10-Tetrahydrocannabinol (R- $\Delta$ -10-THC)	0.0606 0.0606 0.0606	0.0909 0.0909 0.0909	<loq <b>21.284</b> ND ND</loq 	<loq 212.836 ND ND</loq 		
$\begin{array}{l} \Delta -9 \mbox{-Tetrahydrocannabinolic Acid (THCA-A)} \\ \Delta -9 \mbox{-Tetrahydrocannabiphorol } (\Delta -9 \mbox{-THCP}) \\ \Delta -9 \mbox{-Tetrahydrocannabivarin } (\Delta -9 \mbox{-THCV}) \\ \Delta -9 \mbox{-Tetrahydrocannabivarinic Acid } (\Delta -9 \mbox{-THCVA}) \\ R \mbox{-}\Delta -10 \mbox{-Tetrahydrocannabinol } (R \mbox{-}\Delta -10 \mbox{-THC}) \\ S \mbox{-}\Delta -10 \mbox{-Tetrahydrocannabinol } (S \mbox{-}\Delta -10 \mbox{-THC}) \end{array}$	0.0606 0.0606 0.0461 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND</loq </loq 	<loq 212.836 ND ND <loq ND ND</loq </loq 		
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP) $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV) $\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA) R- $\Delta$ -10-Tetrahydrocannabinol (R- $\Delta$ -10-THC)	0.0606 0.0606 0.0606 0.0461 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND</loq </loq 	<loq 212.836 ND ND <loq ND</loq </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>	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND <loq ND ND ND</loq </loq 	<loq 212.836 ND VD <loq ND ND ND</loq </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>	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND <loq ND ND ND ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND 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 (S-Δ-10-THC)         S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)         9R-Hexahydrocannabinol (9R-HHC)         9S-Hexahydrocannabinol (9S-HHC)         Tetrahydrocannabinol (PC-HHC)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND 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 (S-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)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND 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 (S-Δ-10-THC)9R-Hexahydrocannabinol (9R-HHC)9S-Hexahydrocannabinol (9S-HHC)Tetrahydrocannabinol (PS-HHC)Cannabidivarin (CBDV)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND ND</loq </loq 		
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)         Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)         Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)         Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)         R-Δ-10-Tetrahydrocannabionol (R-Δ-10-THC)         S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)         S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)         9R-Hexahydrocannabinol (9R-HHC)         9S-Hexahydrocannabinol (9S-HHC)         Tetrahydrocannabinol (PS-HHC)         Cannabidivarin (CBDV)         Cannabidiol (CBD)         Cannabidiolic Acid (CBDA)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND ND ND ND ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND ND ND</loq </loq 		
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)         Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)         Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)         Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)         R-Δ-10-Tetrahydrocannabionol (R-Δ-10-THC)         S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)         9R-Hexahydrocannabinol (9R-HHC)         9S-Hexahydrocannabinol (98-HHC)         Tetrahydrocannabinol (98-HHC)         Cannabidivarin (CBDV)         Cannabidiol (CBD)         Cannabidiolic Acid (CBDA)         Cannabidiolic Acid (CBDA)         Cannabidiolic Acid (CBD)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND ND ND ND ND ND SLOQ</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND ND ND SLOQ</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)Cannabidiol (CBD)Cannabidiol (CBD)Cannabidiol (CBG)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND ND CLOQ 1.901</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND ND CLOQ 19.006</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)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (CBDV)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)Cannabinol (CBN)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND COQ 1.901 ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND ND CLOQ 19.006 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-Tetrahydrocannabionol (R-Δ-10-THC)S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (CBDV)Cannabidiolic Acid (CBDA)Cannabigerolic Acid (CBGA)Cannabinol (CBN)Cannabinolic Acid (CBNA)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0461 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND <loq 1.901 ND</loq </loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND CLOQ 19.006 ND 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 (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-Δ-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (S-A-10-THC)9-A-10-Tetrahydrocannabinol (CBDV)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)Cannabigerolic Acid (CBGA)Cannabinol (CBN)	0.0606 0.0606 0.0461 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606 0.0606	0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909 0.0909	<loq 21.284 ND ND <loq ND ND ND ND ND ND ND COQ 1.901 ND</loq </loq 	<loq 212.836 ND ND <loq ND ND ND ND ND ND ND CLOQ 19.006 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



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.



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.