

## Certificate of Analysis

## Arete

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## Sample: 10-25-2021-14060

Sample Received:10/25/2021; Report Created: 11/02/2021; Expires: 10/26/2022

Soft Chew					
And TADEO Creater Total	ND% Total THC 35.428 mg/unit Total Cannabinoids		ND% Δ-9 THC 25.785 mg/unit Total CBD		
					<b>binoids</b> /lethod:HPLC, CON-P-3000.07)
atalie Siracusa; Date Tested: 10/25/2021					
Analyte	LOD	LOQ	Mass	Mass	
	mg/unit	mg/unit	mg/unit	mg/g	
$\Delta$ -8-Tetrahydrocannabinol ( $\Delta$ -8 THC)	0.330	0.499	ND	ND	
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.330	0.499	ND	ND	
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.330	0.499	ND	ND	
Δ-7-Tetranyur ocannabinonc Aciu (THCA-A)					
$\Delta$ -9-Tetrahydrocannabinol Acetate ( $\Delta$ -9-THCO)	0.330	0.499	ND	ND	
		0.499 0.499	ND ND	ND ND	
$\Delta$ -9-Tetrahydrocannabinol Acetate ( $\Delta$ -9-THCO)	0.330				
$\Delta$ -9-Tetrahydrocannabinol Acetate ( $\Delta$ -9-THCO) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.330 0.330	0.499	ND	ND	
$\Delta$ -9-Tetrahydrocannabinol Acetate ( $\Delta$ -9-THCO) $\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP) $\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.330 0.330 0.330	0.499 0.499	ND ND	ND ND	
<ul> <li>Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarini (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> </ul>	0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND	ND ND ND ND ND	
$\begin{array}{l} \Delta -9 \mbox{-}Tetrahydrocannabinol Acetate ($\Delta$ -9 \mbox{-}THCO$) \\ \Delta -9 \mbox{-}Tetrahydrocannabiphorol ($\Delta$ -9 \mbox{-}THCP$) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarini ($\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$) \\ \end{array}$	0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499	ND ND ND ND	ND ND ND ND	
<ul> <li>Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)</li> <li>Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)</li> <li>Δ-9-Tetrahydrocannabivarini (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> </ul>	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND	ND ND ND ND ND ND	
$\begin{array}{l} \Delta -9 \mbox{-}{Ptrahydrocannabinol Acetate} (\Delta -9 \mbox{-}{THCO}) \\ \Delta -9 \mbox{-}{Tetrahydrocannabiphorol} (\Delta -9 \mbox{-}{THCP}) \\ \Delta -9 \mbox{-}{Tetrahydrocannabivarin} (\Delta -9 \mbox{-}{THCV}) \\ \Delta -9 \mbox{-}{Tetrahydrocannabivarinic} Acid (\Delta -9 \mbox{-}{THCVA}) \\ R \mbox{-}{\Delta -10 \mbox{-}{Tetrahydrocannabinol}} (R \mbox{-}{\Delta -10 \mbox{-}{THC}}) \\ S \mbox{-}{\Delta -10 \mbox{-}{Tetrahydrocannabinol}} (S \mbox{-}{\Delta -10 \mbox{-}{THC}}) \\ Cannabidivarin (CBDV) \end{array}$	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND	ND ND ND ND ND	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)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)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND 25.785 ND	ND ND ND ND ND 7.340 ND	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)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)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND 25.785 ND ND	ND ND ND ND ND 7.340 ND ND	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)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)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND 25.785 ND	ND ND ND ND ND 7.340 ND	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)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)Cannabidivarin (CBDV)Cannabidivarinic Acid (CBDVA)Cannabidiol (CBD)Cannabidiolic Acid (CBDA)Cannabigerol (CBG)	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND 25.785 ND ND	ND ND ND ND ND 7.340 ND ND	
$\begin{array}{l} \Delta -9 \mbox{-}{\rm PetrahydrocannabinolAcetate}(\Delta -9 \mbox{-}{\rm THCO})\\ \Delta -9 \mbox{-}{\rm Petrahydrocannabiphorol}(\Delta -9 \mbox{-}{\rm THCP})\\ \Delta -9 \mbox{-}{\rm Petrahydrocannabivarin}(\Delta -9 \mbox{-}{\rm THCV})\\ \Delta -9 \mbox{-}{\rm Petrahydrocannabivarin}(A \mbox{-}{\rm O} \mbox{-}{\rm THCV})\\ R \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm Tetrahydrocannabinol}(R \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm THCV})\\ S \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm Tetrahydrocannabinol}(S \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm THCV})\\ S \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm Tetrahydrocannabinol}(S \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm THCV})\\ S \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm Tetrahydrocannabinol}(S \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm THC})\\ C \mbox{-}{\rm Anabidivarin}(C \mbox{B} \mbox{V})\\ C \mbox{-}{\rm Anabidivarin}(C \mbox{B} \mbox{D} \mbox{-}{\rm D} \mbox{-}{\rm S} \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm S} \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm S} \mbox{-}{\rm A} \mbox{-}{\rm O} \mbox{-}{\rm D} \mbox{-}$	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND 25.785 ND ND ND	ND ND ND ND ND 7.340 ND ND ND ND ND	
$\begin{array}{l} \Delta -9 \mbox{-}{\rm PetrahydrocannabinolAcetate}(\Delta -9 \mbox{-}{\rm THCO})\\ \Delta -9 \mbox{-}{\rm Petrahydrocannabiphorol}(\Delta -9 \mbox{-}{\rm THCP})\\ \Delta -9 \mbox{-}{\rm Petrahydrocannabivarin}(\Delta -9 \mbox{-}{\rm THCV})\\ \Delta -9 \mbox{-}{\rm Petrahydrocannabivarin}(A \mbox{-}{\rm 9} \mbox{-}{\rm THCV})\\ A \mbox{-}{\rm 9} \mbox{-}{\rm Tetrahydrocannabinol}(R \mbox{-}{\rm 9} \mbox{-}{\rm THCV})\\ R \mbox{-}{\rm 4} \mbox{-}{\rm 10} \mbox{-}{\rm Tetrahydrocannabinol}(R \mbox{-}{\rm 10} \mbox{-}{\rm THCV})\\ S \mbox{-}{\rm 4} \mbox{-}{\rm 10} \mbox{-}{\rm Tetrahydrocannabinol}(S \mbox{-}{\rm 10} \mbox{-}{\rm 10} \mbox{-}{\rm THC})\\ S \mbox{-}{\rm 4} \mbox{-}{\rm 10} \mbox{-}{\rm Tetrahydrocannabinol}(S \mbox{-}{\rm 10} \mbox{-}{\rm 10} \mbox{-}{\rm THC})\\ C \mbox{-}{\rm annabidivarin}(C \mbox{B} \mbox{V})\\ C \mbox{-}{\rm annabidivarin}(C \mbox{B} \mbox{V})\\ C \mbox{-}{\rm annabidiol}(C \mbox{B} \mbox{D})\\ C \mbox{-}{\rm annabidiol}(C \mbox{B} \mbox{O})\\ C \mbox{-}{\rm annabigerol}(C \mbox{B} \mbox{O})\\ C \mbox{-}{\rm annabigerol}(C \mbox{B} \mbox{N})\\ C \mbox{-}{\rm annabidiol}(C \mbox{B} \mbo$	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND ND 25.785 ND ND ND ND 9.643	ND ND ND ND ND 7.340 ND ND ND 2.745 ND ND	
$\begin{array}{l} \Delta -9 \mbox{-}{\rm Petrahydrocannabinol Acetate} (\Delta -9 \mbox{-}{\rm THCO}) \\ \Delta -9 \mbox{-}{\rm Petrahydrocannabiphorol} (\Delta -9 \mbox{-}{\rm THCP}) \\ \Delta -9 \mbox{-}{\rm Petrahydrocannabivarin} (\Delta -9 \mbox{-}{\rm THCV}) \\ \Delta -9 \mbox{-}{\rm Petrahydrocannabivarin} (A \mbox{-}{\rm 9-}{\rm THCV}) \\ \Delta -9 \mbox{-}{\rm Tetrahydrocannabivarin} (A \mbox{-}{\rm 9-}{\rm THCV}) \\ \Delta -9 \mbox{-}{\rm 10-}{\rm Tetrahydrocannabivar} (R \mbox{-}{\rm 10-}{\rm THC}) \\ S \mbox{-}{\rm 10-}{\rm Tetrahydrocannabinol} (S \mbox{-}{\rm 10-}{\rm THC}) \\ S \mbox{-}{\rm 10-}{\rm Tetrahydrocannabinol} (S \mbox{-}{\rm 10-}{\rm THC}) \\ S \mbox{-}{\rm 10-}{\rm Tetrahydrocannabinol} (S \mbox{-}{\rm 10-}{\rm THC}) \\ C \mbox{-}{\rm annabidivarin} (C \mbox{BV}) \\ C \mbox{-}{\rm annabidivar} (C \mbox{BDV}) \\ C \mbox{-}{\rm annabidivar} (C \mbox{BD}) \\ C \mbox{-}{\rm annabidivar} (C \mbox{BD}) \\ C \mbox{-}{\rm annabigerol} (C \mbox{BG}) \\ C \mbox{-}{\rm annabigerol} (C \mbox{BG}) \\ C \mbox{-}{\rm annabinol} (C \mbox{BN}) \\ \end{array}$	0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330	0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499 0.499	ND ND ND ND 25.785 ND ND ND 9.643 ND	ND ND ND ND ND 7.340 ND ND ND 2.745 ND	

Total THC Measurement of Uncertainty:  $\pm$  0.03% Total CBD Measurement of Uncertainty:  $\pm$  1.00% Unit Size: 3.513 g; Unit: 1 Gummy



New Bloom Labs 16121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 AT-2868: ISO/IEC 17025:2017

lotale Natalie Siracusa

Laboratory Director

Powered by reLIMS info@relims.com

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