

Certificate of Analysis

Arete

Sample: 09-29-2021-13145

Sample Received:09/29/2021; Report Created: 10/01/2021; Expires: 10/01/2022

ted Cake Flower - Cured							
		0.142% Total THC			ND% Δ-9 THC		
Accel 19140 Colored	1		9 % abinoids		0.068 % Total CBD		
annabinoids esting Method:HPLC, CON-P-3000.07) alyst:Natalie Siracusa; Date Tested: 09/29/2021					Co	mpl	
Analyte	LOD	LOQ	Mass	Mass			
	%	%	%	mg/g			
Δ -8-Tetrahydrocannabinol (Δ -8 THC)	0.0495	0.0743	ND	ND			
Δ -9-Tetrahydrocannabinol (Δ -9 THC)	0.0495	0.0743	ND	ND			
Δ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0475	0.0743	0.162	1.624			
		0.0743	0.102 ND	1.024 ND			
Δ -9-Tetrahydrocannabinol Acetate (Λ -9-THCO)	0.0495						
Δ -9-Tetrahydrocannabinol Acetate (Δ-9-THCO) Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0495 0.0495		ND	ND			
Δ -9-Tetrahydrocannabinol Acetate (Δ-9-THCO) Δ -9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ -9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0495 0.0495 0.0495	0.0743 0.0743	ND ND	ND ND			
Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP)	0.0495	0.0743					
Δ -9-Tetrahydrocannabiphorol (Δ-9-THCP) Δ -9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0495 0.0495	0.0743 0.0743	ND	ND			
Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP) Δ -9-Tetrahydrocannabivarin (Δ -9-THCV) Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA)	0.0495 0.0495 0.0495	0.0743 0.0743 0.0743	ND ND	ND ND			
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)	0.0495 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743	ND ND ND	ND ND ND			
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)	0.0495 0.0495 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND ND	ND ND ND			
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)	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND ND ND	ND ND ND ND			
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)	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND ND ND	ND ND ND ND ND			
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)	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0396	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND ND ND <loq< td=""><td>ND ND ND ND SD SLOQ</td><td></td><td></td></loq<>	ND ND ND ND SD SLOQ			
$\begin{array}{l} \Delta -9 \mbox{-Tetrahydrocannabiphorol} (\Delta -9 \mbox{-THCP}) \\ \Delta -9 \mbox{-Tetrahydrocannabivarin} (\Delta -9 \mbox{-THCV}) \\ \Delta -9 \mbox{-Tetrahydrocannabivarinic} \mbox{Acid} (\Delta -9 \mbox{-THCVA}) \\ R \mbox{-} \Delta -10 \mbox{-Tetrahydrocannabinol} (R \mbox{-} \Delta -10 \mbox{-THC}) \\ S \mbox{-} \Delta -10 \mbox{-Tetrahydrocannabinol} (S \mbox{-} \Delta -10 \mbox{-THC}) \\ C \mbox{-} \Delta -10 \mbox{-Tetrahydrocannabinol} (S \mbox{-} \Delta -10 \mbox{-THC}) \\ C \mbox{-} \Delta -10 \mbox{-} \m$	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0396 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND ND <loq 0.077</loq 	ND ND ND ND <loq 0.772</loq 			
$\begin{array}{l} \Delta -9 \mbox{-Tetrahydrocannabiphorol} (\Delta -9 \mbox{-THCP}) \\ \Delta -9 \mbox{-Tetrahydrocannabivarin} (\Delta -9 \mbox{-THCV}) \\ \Delta -9 \mbox{-Tetrahydrocannabivarinic} \mbox{Acid} (\Delta -9 \mbox{-THCVA}) \\ R \mbox{-} \m$	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0396 0.0396 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND ND <loq 0.077 0.278</loq 	ND ND ND ND <loq 0.772 2.782</loq 			
$\begin{array}{l} \Delta -9 \mbox{-}Tetrahydrocannabiphorol (\Delta -9 \mbox{-}THCP) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarin (\Delta -9 \mbox{-}THCV) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarinic Acid (\Delta -9 \mbox{-}THCVA) \\ R \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol (R \mbox{-}\Delta -10 \mbox{-}THC) \\ S \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta -10 \mbox{-}THC) \\ S \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta -10 \mbox{-}THC) \\ C \mbox{-}anabidivarin (CBDV) \\ C \mbox{-}anabidivarinic Acid (CBDVA) \\ C \mbox{-}anabidiolic (CBD) \\ C \mbox{-}anabidiolic Acid (CBDA) \\ C \mbox{-}anabigerol (CBG) \\ C \mbox{-}anabigerolic Acid (CBGA) \\ \end{array}$	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0396 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND <loq 0.077 0.278 15.769</loq 	ND ND ND ND <loq 0.772 2.782 157.693</loq 			
$\begin{array}{l} \Delta -9 \mbox{-}Tetrahydrocannabiphorol (\Delta -9 \mbox{-}THCP) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarin (\Delta -9 \mbox{-}THCV) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarinic Acid (\Delta -9 \mbox{-}THCVA) \\ R \mbox{-}\Delta \mbox{-}10 \mbox{-}Tetrahydrocannabinol (R \mbox{-}\Delta \mbox{-}10 \mbox{-}THC) \\ S \mbox{-}\Delta \mbox{-}10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta \mbox{-}10 \mbox{-}THC) \\ S \mbox{-}\Delta \mbox{-}10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta \mbox{-}10 \mbox{-}THC) \\ S \mbox{-}\Delta \mbox{-}10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta \mbox{-}10 \mbox{-}THC) \\ C \mbox{-}anabidivarin (CBDV) \\ C \mbox{-}anabidivarinic Acid (CBDVA) \\ C \mbox{-}anabidiolic Acid (CBDA) \\ C \mbox{-}anabigerol (CBG) \\ C \mbox{-}anabigerolic Acid (CBGA) \\ C \mbox{-}anabinol (CBN) \\ \end{array}$	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0396 0.0495 0.0495 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND <loq 0.077 0.278 15.769 ND</loq 	ND ND ND ND <loq 0.772 2.782 157.693 ND</loq 			
$\begin{array}{l} \Delta -9 \mbox{-}Tetrahydrocannabiphorol (\Delta -9 \mbox{-}THCP) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarin (\Delta -9 \mbox{-}THCV) \\ \Delta -9 \mbox{-}Tetrahydrocannabivarinic Acid (\Delta -9 \mbox{-}THCVA) \\ R \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol (R \mbox{-}\Delta -10 \mbox{-}THC) \\ S \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta -10 \mbox{-}THC) \\ S \mbox{-}\Delta -10 \mbox{-}Tetrahydrocannabinol (S \mbox{-}\Delta -10 \mbox{-}THC) \\ C \mbox{-}anabidivarin (CBDV) \\ C \mbox{-}anabidivarin (CBDV) \\ C \mbox{-}anabidivarin (CBD) \\ C \mbox{-}anabidivarin (CBG) \\ C \mbox{-}anabigerol (CBG) \\ C \mbox{-}anabigerol (CBG) \\ C \mbox{-}anabinol (CBN) \\ C \mbox{-}anabinol (CBN) \\ C \mbox{-}anabinolic Acid (CBNA) \\ \end{array}$	0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495 0.0396 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495	0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743 0.0743	ND ND ND <loq 0.077 0.278 15.769 ND ND</loq 	ND ND ND ND <loq 0.772 2.782 157.693 ND ND</loq 			

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: ± 0.03%



New Bloom Labs 6121 Heritage Park Dr., Chattanooga, TN 37416 (844) 837-8223 DEA#: RN-0773575



Laboratory Director

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Certificate of Analysis

Arete

Sample: 09-29-2021-13145

Sample Received:09/29/2021; Report Created: 10/01/2021; Expires: 10/01/2022

Primary Aromas

Cinnamon

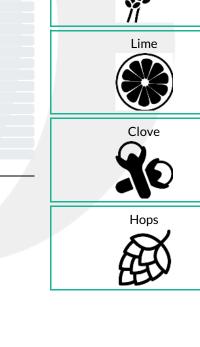
Lavender

Frosted Cake Plant Flower - Cured

Terpenes

(Testing Method:HS-GC/MS, COM									
Analyst:Natalie Siracusa; Date Tested: 09/29/2021									
Analyte	LOD	LOQ	Mass	Mass					
	PPM	PPM	PPM	mg/g					
α-Bisabolol	0.750	3.000	ND	ND					
α-Humulene	0.750	3.000	153.271	0.153					
α-Pinene	0.750	3.000	39.367	0.039					
α-Terpinene	0.750	3.000	ND	ND					
1,8-Cineole	0.750	3.000	ND	ND					
β-Caryophyllene	0.750	3.000	578.751	0.579					
β-Myrcene	0.750	3.000	174.317	0.174					
Borneol	0.750	3.000	33.565	0.034					
Camphene	0.750	3.000	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>					
Carene	0.750	3.000	ND	ND					
Caryophyllene Oxide	0.750	3.000	ND	ND					
Citral	0.750	3.000	ND	ND					
Dihydrocarveol	0.750	3.000	ND	ND					
Fenchone	0.750	3.000	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>					
γ-Terpinene	0.750	3.000	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>					
Limonene	0.750	3.000	196.409	0.196					
Linalool	0.750	3.000	276.160	0.276					
Menthol	0.750	3.000	ND	ND					
Nerolidol	0.750	3.000	ND	ND					
Ocimene	0.750	3.000	ND	ND					
Pulegone	0.750	3.000	ND	ND					
Terpinolene	0.750	3.000	24.287	0.024					
Total			1515.815	1.516	0.152 %				





Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.



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