

# Certificate of Analysis

#### Arete

,

## Sample: 03-10-2022-18275

Sample Received:03/10/2022; Report Created: 03/21/2022; Expires: 03/11/2023

wer - Cured							
		0.408%			<loq%< th=""></loq%<>		
	Total THC 14.278 % Total Cannabinoids				Δ-9 THC <b>11.164 %</b> Total CBD		
Accession of the second							
abinoids ethod:HPLC, CON-P-3000) d: 03/10/2022						Co	
Analyte	LOD	LOQ	Mass	Mass		-	
	%	%	%	mg/g			
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0490	0.0735	ND	ND			
$\Delta$ -9-Tetrahydrocannabinol ( $\Delta$ -9 THC)	0.0490	0.0735	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>			
$\Delta$ -9-Tetrahydrocannabinolic Acid (THCA-A)	0.0490	0.0735	0.465	4.647			
$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0490	0.0735	ND	ND			
$\Delta$ -9-Tetrahydrocannabivarin ( $\Delta$ -9-THCV)	0.0490	0.0735	ND	ND			
$\Delta$ -9-Tetrahydrocannabivarinic Acid ( $\Delta$ -9-THCVA)	0.0490	0.0735	ND	ND			
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0490 0.0490	0.0735 0.0735	ND ND	ND ND			
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)							
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0490	0.0735	ND	ND			
R-∆-10-Tetrahydrocannabinol (R-∆-10-THC) S-∆-10-Tetrahydrocannabinol (S-∆-10-THC)	0.0490 0.0490	0.0735 0.0735	ND ND	ND ND			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO)	0.0490 0.0490 0.0490	0.0735 0.0735 0.0735	ND ND ND	ND ND ND			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV)	0.0490 0.0490 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735	ND ND ND ND	ND ND ND			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA)	0.0490 0.0490 0.0490 0.0490 0.0255	0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND <loq< td=""><td>ND ND ND <loq< td=""><td></td><td></td></loq<></td></loq<>	ND ND ND <loq< td=""><td></td><td></td></loq<>			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD)	0.0490 0.0490 0.0490 0.0490 0.0255 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND <loq <b>0.942</b></loq 	ND ND ND <loq <b>9.422</b></loq 			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA)	0.0490 0.0490 0.0490 0.0255 0.0490 0.0259	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND <loq 0.942 11.655</loq 	ND ND ND <loq 9.422 116.549</loq 			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG)	0.0490 0.0490 0.0490 0.0255 0.0490 0.0490 0.0490 0.0490 0.0255	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND ND <loq 0.942 11.655 <loq< td=""><td>ND ND ND <loq 9.422 116.549 <loq< td=""><td></td><td></td></loq<></loq </td></loq<></loq 	ND ND ND <loq 9.422 116.549 <loq< td=""><td></td><td></td></loq<></loq 			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA)	0.0490 0.0490 0.0490 0.0255 0.0490 0.0490 0.0490 0.0255 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND <loq 0.942 11.655 <loq 0.275</loq </loq 	ND ND ND <loq 9.422 116.549 <loq 2.745</loq </loq 			
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) Tetrahydrocannabinol Acetate (THCO) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabigerolic Acid (CBGA)	0.0490 0.0490 0.0490 0.0255 0.0490 0.0490 0.0255 0.0490 0.0255 0.0490 0.0490	0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735 0.0735	ND ND <loq 0.942 11.655 <loq 0.275 ND</loq </loq 	ND ND ND <loq 9.422 116.549 <loq 2.745 ND</loq </loq 			

Total THC Measurement of Uncertainty:  $\pm$  0.030% Total CBD Measurement of Uncertainty:  $\pm$  1.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -9-THCO isomers Amended report issued to reflect change in sample identification



New Bloom Labs 16121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975



Laboratory Director

New Bloom Labs 10606 Shady Trail,105 Dallas,TX 75520 (844) 837-8223 TX DEA#:RN0594653

Powered by reLIMS info@relims.com

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.



# Certificate of Analysis

#### Arete

## Sample: 03-10-2022-18275

Sample Received:03/10/2022; Report Created: 03/21/2022; Expires: 03/11/2023

**Primary Aromas** 

Clove

### Orange Glaze

Plant, Flower - Cured

### Terpenes

(Testing Method:HS-GC/MS, CON-P-4000) Date Tested: 03/10/2022

Analyte	LOD	LOQ	Mass	Mass		
,	PPM	PPM	PPM	mg/g		
α-Bisabolol	0.750	3.000	909.653	0.910		
α-Humulene	0.750	3.000	489.131	0.489		
α-Pinene	0.750	3.000	1298.227	1.298		
α-Terpinene	0.750	3.000	ND	ND		
1,8-Cineole	0.750	3.000	23.409	0.023	1	
β-Caryophyllene	0.750	3.000	2277.594	2.278		
β-Myrcene	0.750	3.000	6815.600	6.816		
Borneol	0.750	3.000	102.684	0.103	1	
Camphene	0.750	3.000	70.835	0.071	1	
Carene	0.750	3.000	ND	ND		
Caryophyllene Oxide	0.750	3.000	190.749	0.191		
Citral	0.750	3.000	ND	ND		
Dihydrocarveol	0.750	3.000	ND	ND		
Fenchone	0.750	3.000	51.963	0.052		
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	840.797	0.841		
Linalool	0.750	3.000	1282.502	1.283		
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	66.664	0.067		
Total			14419.808	14.420	1.442 %	



Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range. Amended report issued to reflect change in sample identification



New Bloom Labs 16121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975



Laboratory Director

New Bloom Labs 10606 Shady Trail,105 Dallas,TX 75520 (844) 837-8223 TX DEA#:RN0594653

Powered by reLIMS info@relims.com

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.



