

Certificate of Analysis

Page: 1 of 2

Arete

Sample: 08-12-2021-11290

Sample Received:08/12/2021;

Report Created: 08/13/2021; Expires: 08/13/2022

Kush CBG Plant Flower - Cured





<LOQ%

Total THC

<LOQ%

 Δ -9 THC

15.7020%

Total Cannabinoids

<LOQ%

Total CBD

Cannabinoids

(Testing Method:HPLC, CON-P-3000.07) Analyst:Natalie Siracusa; Date Tested: 08/12/2021 Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-9 Tetrahydrocannabinol (Δ-9 THC)	0.0495	0.0743	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0495	0.0743	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
R-Δ-10 Tetrahydrocannabinol (R-Δ-10-THC)	0.0495	0.0743	ND	ND	
S-Δ-10 Tetrahydrocannabinol (S-Δ-10-THC)	0.0495	0.0743	ND	ND	
Δ-8 Tetrahydrocannabinol (Δ-8 THC)	0.0495	0.0743	ND	ND	
Tetrahydrocannabivarin (THCV)	0.0495	0.0743	ND	ND	
Cannabidivarin (CBDV)	0.0495	0.0743	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0495	0.0743	ND	ND	
Cannabidiol (CBD)	0.0495	0.0743	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabidiolic Acid (CBDA)	0.0495	0.0743	ND	ND	
Cannabigerol (CBG)	0.0495	0.0743	0.6505	6.505	
Cannabigerolic Acid (CBGA)	0.0495	0.0743	14.6713	146.713	
Cannabinol (CBN)	0.0495	0.0743	ND	ND	
Cannabinolic Acid (CBNA)	0.0495	0.0743	ND	ND	
Cannabichromene (CBC)	0.0495	0.0743	0.1040	1.040	
Cannabichromenic Acid (CBCA)	0.0495	0.0743	0.2762	2.762	
Total			15.7020	157.020	

 $Total\ THC = THCa*0.877 + \Delta 9 - THC; Total\ CBD = CBDa*0.877 + CBD; LOQ = Limit\ of\ Quantitation; ND = Not\ Detected.$

Total THC Measurement of Uncertainty: $\pm\,0.03\%$



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

Natalie Siracusa Laboratory Director

Powered by reLIMS info@relims.com



Certificate of Analysis

Arete Sample: 08-12-2021-11290

Sample Received:08/12/2021;

Report Created: 08/13/2021; Expires: 08/13/2022

Kush CBG

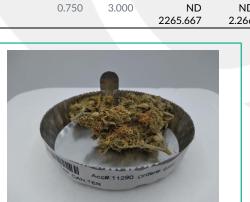
Plant Flower - Cured



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000.03) Analyst: Natalie Siracusa; Date Tested: 08/12/2021

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	133.651	0.134	
α-Pinene	0.750	3.000	60.950	0.061	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	ND	ND	
β-Caryophyllene	0.750	3.000	502.156	0.502	
β-Myrcene	0.750	3.000	439.963	0.440	
Borneol	0.750	3.000	63.407	0.063	
Camphene	0.750	3.000	18.721	0.019	
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	56.228	0.056	
γ-Terpinene	0.750	3.000	<loq< td=""><td><loq< td=""><td><u> </u></td></loq<></td></loq<>	<loq< td=""><td><u> </u></td></loq<>	<u> </u>
Limonene	0.750	3.000	306.545	0.307	
Linalool	0.750	3.000	677.639	0.678	
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	ND	ND	
Total			2265.667	2.266	0.227 %



Primary Aromas











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



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

Natalie Siracusa Laboratory Director

Powered by reLIMS info@relims.com