

Arete

Sample: 05-05-2021-8689

Sample Received: 05/05/2021;

Report Created: 05/24/2021; Expires: 05/24/2022

Northern Lights
Plant Flower - Cured



0.712%

Total THC

ND%

Δ-9 THC

26.632%

Total Cannabinoids

21.006%

Total CBD

Cannabinoids

Complete

(Testing Method: HPLC, CON-P-3000.07)

Analyst: Natalie Siracusa; Date Tested: 05/05/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-9 Tetrahydrocannabinol (Δ-9 THC)	0.047	0.071	ND	ND	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.047	0.071	0.812	8.123	
R-Δ-10 Tetrahydrocannabinol (R-Δ-10-THC)	0.047	0.071	ND	ND	
S-Δ-10 Tetrahydrocannabinol (S-Δ-10-THC)	0.047	0.071	ND	ND	
Δ-8 Tetrahydrocannabinol (Δ-8 THC)	0.047	0.071	ND	ND	
Tetrahydrocannabivarin (THCV)	0.047	0.071	ND	ND	
Cannabidivarin (CBDV)	0.047	0.071	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.047	0.071	ND	ND	
Cannabidiol (CBD)	0.047	0.071	0.653	6.528	
Cannabidiolic Acid (CBDA)	0.047	0.071	23.207	232.075	
Cannabigerol (CBG)	0.047	0.071	0.091	0.915	
Cannabigerolic Acid (CBGA)	0.047	0.071	0.342	3.425	
Cannabinol (CBN)	0.047	0.071	ND	ND	
Cannabinolic Acid (CBNA)	0.047	0.071	ND	ND	
Cannabichromene (CBC)	0.047	0.071	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.047	0.071	1.526	15.255	
Total			26.632	266.321	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Amended report issued to reflect change in sample identification



New Bloom Labs
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Natalie Siracusa
Laboratory Director

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Arete

Sample: 05-05-2021-8689

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Northern Lights
Plant Flower - Cured



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000.03)

Analyst: Natalie Siracusa; Date Tested: 05/05/2021

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	1257.864	1.258	
α-Pinene	0.750	3.000	1584.472	1.584	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	3364.857	3.365	
β-Myrcene	0.750	3.000	8707.406	8.707	
Borneol	0.750	3.000	135.574	0.136	
Camphene	0.750	3.000	63.458	0.063	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	120.526	0.121	
Citral	0.750	3.000	104.091	0.104	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	64.654	0.065	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	801.529	0.802	
Linalool	0.750	3.000	1293.815	1.294	
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	41.884	0.042	
Total			17586.066	17.586	1.759 %

Primary Aromas

Clove



Cinnamon



Pine



Lavender



Hops



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

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