

Arete

Sample: 07-19-2021-10558

Sample Received: 07/19/2021;

Report Created: 07/20/2021; Expires: 07/20/2022

Electric Buffalo
Plant Flower - Cured



0.481%

Total THC

ND%

Δ-9 THC

17.960%

Total Cannabinoids

14.542%

Total CBD

Cannabinoids

Complete

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

Analyst: Natalie Siracusa; Date Tested: 07/19/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-9 Tetrahydrocannabinol (Δ-9 THC)	0.050	0.075	ND	ND	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.050	0.075	0.548	5.482	
R-Δ-10 Tetrahydrocannabinol (R-Δ-10-THC)	0.050	0.075	ND	ND	
S-Δ-10 Tetrahydrocannabinol (S-Δ-10-THC)	0.050	0.075	ND	ND	
Δ-8 Tetrahydrocannabinol (Δ-8 THC)	0.050	0.075	ND	ND	
Tetrahydrocannabivarin (THCV)	0.050	0.075	ND	ND	
Cannabidivarin (CBDV)	0.050	0.075	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.050	0.075	<LOQ	<LOQ	
Cannabidiol (CBD)	0.050	0.075	0.814	8.139	
Cannabidiolic Acid (CBDA)	0.050	0.075	15.654	156.537	
Cannabigerol (CBG)	0.050	0.075	ND	ND	
Cannabigerolic Acid (CBGA)	0.050	0.075	0.162	1.622	
Cannabinol (CBN)	0.050	0.075	ND	ND	
Cannabinolic Acid (CBNA)	0.050	0.075	ND	ND	
Cannabichromene (CBC)	0.050	0.075	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.050	0.075	0.782	7.821	
Total			17.960	179.601	

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%



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Natalie Siracusa

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Laboratory Director

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Plant Flower - Cured



Terpenes

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

Analyst: Natalie Siracusa; Date Tested: 07/19/2021

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	ND	ND	
α-Humulene	0.750	3.000	1096.886	1.097	
α-Pinene	0.750	3.000	164.842	0.165	
α-Terpinene	0.750	3.000	ND	ND	
1,8-Cineole	0.750	3.000	30.753	0.031	
β-Caryophyllene	0.750	3.000	2791.760	2.792	
β-Myrcene	0.750	3.000	5312.811	5.313	
Borneol	0.750	3.000	58.707	0.059	
Camphene	0.750	3.000	25.814	0.026	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	56.413	0.056	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	35.605	0.036	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	444.539	0.445	
Linalool	0.750	3.000	753.958	0.754	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	1215.123	1.215	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	<LOQ	<LOQ	
Total			12010.223	12.010	1.201 %

Primary Aromas

Clove



Cinnamon



Earthy



Hops



Lavender



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



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