

Arete

Sample: 09-29-2021-13146

Sample Received: 09/29/2021;

Report Created: 10/01/2021; Expires: 10/01/2022

Pineapple Punch (Indoor Hemp Flower)
Plant Flower - Cured



0.588%

Total THC

<LOQ%

Δ-9 THC

20.399%

Total Cannabinoids

16.389%

Total CBD

Cannabinoids

Complete

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

Analyst: Natalie Siracusa; Date Tested: 09/29/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0493	0.0739	<LOQ	<LOQ	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0493	0.0739	0.671	6.709	
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0493	0.0739	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0493	0.0739	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0493	0.0739	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0493	0.0739	ND	ND	
Cannabidivarin (CBDV)	0.0493	0.0739	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0493	0.0739	0.081	0.808	
Cannabidiol (CBD)	0.0493	0.0739	0.869	8.690	
Cannabidiolic Acid (CBDA)	0.0493	0.0739	17.697	176.966	
Cannabigerol (CBG)	0.0493	0.0739	ND	ND	
Cannabigerolic Acid (CBGA)	0.0493	0.0739	0.349	3.488	
Cannabinol (CBN)	0.0493	0.0739	ND	ND	
Cannabinolic Acid (CBNA)	0.0493	0.0739	ND	ND	
Cannabichromene (CBC)	0.0493	0.0739	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.0493	0.0739	0.733	7.330	
Total			20.399	203.991	

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: 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	392.104	0.392	
α-Pinene	0.750	3.000	974.873	0.975	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	1837.065	1.837	
β-Myrcene	0.750	3.000	>2000.000	>2.000	
Borneol	0.750	3.000	242.713	0.243	
Camphene	0.750	3.000	66.953	0.067	
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	104.355	0.104	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	1398.834	1.399	
Linalool	0.750	3.000	2046.628	2.047	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	1996.194	1.996	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	30.755	0.031	
Total			23531.367	23.531	2.353 %

Primary Aromas

Clove



Lavender



Earthy



Cinnamon



Lime



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



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