

Arete

Sample: 09-07-2022-24172

Sample Received: 09/07/2022;

Report Created: 09/12/2022; Expires: 09/08/2023

Death Star Hemp Flower- Indica  
Plant, Flower - Cured



**20.492%**

Total THC

**0.272%**

Δ-9 THC

**23.975 %**

Total Cannabinoids

**<LOQ %**

Total CBD

## Cannabinoids

(Testing Method: HPLC, CON-P-3000)

Date Tested: 09/07/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0483	0.0725	0.272	2.723	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0483	0.0725	23.056	230.560	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0483	0.0725	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0483	0.0725	0.151	1.513	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0483	0.0725	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0483	0.0725	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0483	0.0725	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0483	0.0725	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0483	0.0725	ND	ND	
Cannabidivarin (CBDV)	0.0483	0.0725	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0483	0.0725	ND	ND	
Cannabidiol (CBD)	0.0483	0.0725	ND	ND	
Cannabidiolic Acid (CBDA)	0.0435	0.0725	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0483	0.0725	0.127	1.266	
Cannabigerolic Acid (CBGA)	0.0483	0.0725	0.369	3.691	
Cannabinol (CBN)	0.0483	0.0725	ND	ND	
Cannabinolic Acid (CBNA)	0.0483	0.0725	ND	ND	
Cannabichromene (CBC)	0.0483	0.0725	ND	ND	
Cannabichromenic Acid (CBCA)	0.0483	0.0725	ND	ND	
<b>Total</b>			23.975	239.753	

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: ± 0.040%


Total CBD Measurement of Uncertainty: ± 2.000%

THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers

Amended report issued to reflect change in sample identification



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## Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 09/07/2022

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	562.536	0.563	
α-Humulene	0.750	3.000	2021.489	2.021	
α-Pinene	0.750	3.000	735.245	0.735	
α-Terpinene	0.750	3.000	<LOQ	<LOQ	
1,8-Cineole	0.750	3.000	<LOQ	<LOQ	
β-Caryophyllene	0.750	3.000	8070.360	8.070	
β-Myrcene	0.750	3.000	ND	ND	
Borneol	0.750	3.000	252.013	0.252	
Camphene	0.750	3.000	270.708	0.271	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	0.750	3.000	165.448	0.165	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	47.618	0.048	
γ-Terpinene	0.750	3.000	<LOQ	<LOQ	
Limonene	0.750	3.000	1539.291	1.539	
Linalool	0.750	3.000	389.763	0.390	
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	<LOQ	<LOQ	
<b>Total</b>			<b>14054.471</b>	<b>14.054</b>	<b>1.405 %</b>

## Primary Aromas

Cinnamon



Hops



Lime



Pine



Floral



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



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