

Arete

Sample: 12-15-2021-15906

Sample Received: 12/15/2021;

Report Created: 12/17/2021; Expires: 12/16/2022

Cannatonic x Cosmic Diesel
Plant, Flower - Cured



2.804%

Total THC

0.166%

Δ-9 THC

12.452%

Total Cannabinoids

4.160%

Total CBD

Cannabinoids

Complete

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

Analyst: Natalie Siracusa; Date Tested: 12/15/2021

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0461	0.0691	0.166	1.659	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0461	0.0691	3.008	30.083	
Tetrahydrocannabinol Acetate (THCO)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0461	0.0691	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0461	0.0691	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0461	0.0691	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0461	0.0691	ND	ND	
Cannabidivarin (CBDV)	0.0461	0.0691	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0461	0.0691	ND	ND	
Cannabidiol (CBD)	0.0461	0.0691	0.136	1.355	
Cannabidiolic Acid (CBDA)	0.0461	0.0691	4.589	45.889	
Cannabigerol (CBG)	0.0461	0.0691	0.218	2.184	
Cannabigerolic Acid (CBGA)	0.0461	0.0691	4.076	40.756	
Cannabinol (CBN)	0.0461	0.0691	ND	ND	
Cannabinolic Acid (CBNA)	0.0461	0.0691	ND	ND	
Cannabichromene (CBC)	0.0461	0.0691	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.0461	0.0691	0.259	2.590	
Total			12.452	124.516	

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: ± 0.030%

Total CBD Measurement of Uncertainty: ± 1.000%

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



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