



Certificate of Analysis

Arete Sample: 11-12-2021-14723

Sample Received:11/12/2021;

Report Created: 11/16/2021; Expires: 11/16/2022

Cosmic Diesel
Plant , Flower - Cured





0.074%

Total THC

0.074%

 Δ -9 THC

8.768%

Total Cannabinoids

<LOQ%

Total CBD

Cannabinoids

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

Analyst: Natalie Siracusa; Date Tested: 11/12/2021

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0465	0.0698	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0465	0.0698	0.074	0.744	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0465	0.0698	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Δ -9-Tetrahydrocannabinol Acetate (Δ -9-THCO)	0.0465	0.0698	ND	ND	
Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP)	0.0465	0.0698	ND	ND	
Δ -9-Tetrahydrocannabivarin (Δ -9-THCV)	0.0465	0.0698	ND	ND	
Δ -9-Tetrahydrocannabivarinic Acid (Δ -9-THCVA)	0.0465	0.0698	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0465	0.0698	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0465	0.0698	ND	ND	
Cannabidivarin (CBDV)	0.0465	0.0698	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0465	0.0698	ND	ND	
Cannabidiol (CBD)	0.0465	0.0698	ND	ND	
Cannabidiolic Acid (CBDA)	0.0279	0.0698	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerol (CBG)	0.0465	0.0698	0.405	4.047	
Cannabigerolic Acid (CBGA)	0.0465	0.0698	8.011	80.112	
Cannabinol (CBN)	0.0465	0.0698	ND	ND	
Cannabinolic Acid (CBNA)	0.0465	0.0698	ND	ND	
Cannabichromene (CBC)	0.0465	0.0698	0.089	0.893	
Cannabichromenic Acid (CBCA)	0.0465	0.0698	0.189	1.888	
Total			8.768	87.684	

Total THC = THCa * $0.877 + \Delta 9$ -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%



New Bloom Labs 16121 Heritage Park Drive, A500 Chattanooga, TN 37416 (844) 837-8223 TN DEA#: RN0563975 AT-2868: ISO/IEC 17025:2017

Natalie Siracusa Laboratory Director New Bloom Labs 10606 Shady Trail,105 Dallas,TX 75520 (844) 837-8223 TX DEA#:RN0594653 AT-2868:ISO/IEC 17025:2017

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