

Appalachian Natural
 3501 Chapman Highway
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 865-789-0173

Sample: 05-15-2023-33497
 Sample Received: 05/15/2023;
 Report Created: 05/17/2023; Expires: 05/16/2024

Mac 1
 Plant, Flower - Wet



16.402 %

Total THC

0.224 %

Δ-9 THC

19.046 %
 Total Cannabinoids

<LOQ %
 Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000)
 Date Tested: 05/15/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0505	0.0758	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0505	0.0758	0.224	2.242	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0505	0.0758	18.447	184.465	
Δ-9-Tetrahydrocannabinophorol (Δ-9-THCP)	0.0505	0.0758	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0505	0.0758	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0505	0.0758	<LOQ	<LOQ	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0505	0.0758	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0505	0.0758	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0505	0.0758	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0505	0.0758	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0505	0.0758	ND	ND	
Cannabidivarin (CBDV)	0.0505	0.0758	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0505	0.0758	ND	ND	
Cannabidiol (CBD)	0.0505	0.0758	ND	ND	
Cannabidiolic Acid (CBDa)	0.0434	0.0758	<LOQ	<LOQ	
Cannabigerol (CBG)	0.0505	0.0758	0.169	1.687	
Cannabigerolic Acid (CBGA)	0.0505	0.0758	0.122	1.222	
Cannabinol (CBN)	0.0505	0.0758	ND	ND	
Cannabinolic Acid (CBNA)	0.0505	0.0758	ND	ND	
Cannabichromene (CBC)	0.0505	0.0758	ND	ND	
Cannabichromenic Acid (CBCA)	0.0505	0.0758	0.085	0.848	
Total			19.046	190.464	

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: ± 0.050%
 Total CBD Measurement of Uncertainty: ± 2.000%
 THCO potency analysis does not designate quantitative specificity of Δ-8-THCO and Δ-9-THCO isomers



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 TN DEA#: RN0563975
 ANAB Testing Laboratory (AT-2868): ISO/IEC
 17025:2017

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 Laboratory Director

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