Certificate of Analysis

Arete

,

Sample: 11-29-2021-15193

Sample Received:11/29/2021;

Report Created: 11/30/2021; Expires: 11/30/2022

Mintz CBG

Plant , Flower - Cured

0.186%	ND%
Total THC	Δ-9 THC
17.222 %	**<LOQ %**
Total Cannabinoids	Total CBD

Cannabinoids

Complete

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

Analyst:Natalie Siracusa; Date Tested: 11/29/2021

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0495	0.0743	ND	ND
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0495	0.0743	ND	ND
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0495	0.0743	**0.212**	**2.119**
Δ-9-Tetrahydrocannabinol Acetate (Δ-9-THCO)	0.0495	0.0743	ND	ND
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0495	0.0743	ND	ND
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0495	0.0743	ND	ND
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0495	0.0743	ND	ND
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0495	0.0743	ND	ND
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0495	0.0743	ND	ND
Cannabidivarin (CBDV)	0.0495	0.0743	ND	ND
Cannabidivarinic Acid (CBDVA)	0.0495	0.0743	ND	ND
Cannabidiol (CBD)	0.0495	0.0743	ND	ND
Cannabidiolic Acid (CBDA)	0.0267	0.0743	<LOQ	<LOQ
Cannabigerol (CBG)	0.0495	0.0743	**0.173**	**1.733**
Cannabigerolic Acid (CBGA)	0.0495	0.0743	**16.132**	**161.317**
Cannabinol (CBN)	0.0495	0.0743	ND	ND
Cannabinolic Acid (CBNA)	0.0495	0.0743	ND	ND
Cannabichromene (CBC)	0.0495	0.0743	**0.092**	**0.921**
Cannabichromenic Acid (CBCA)	0.0495	0.0743	**0.613**	**6.129**
Total			17.222	172.219

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%

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