



## Certificate of Analysis

Arete Sample: 12-06-2023-42638

Sample Received: 12/06/2023;

Report Created: 12/14/2023; Expires: 12/06/2024

Grape Krush

Plant, Flower - Uncured



19.780%

**Total THC** 

0.243%

 $\Delta$ -9 THC

23.839%

**Total Cannabinoids** 

<LOQ%

**Total CBD** 

## **Cannabinoids**

(Testing Method: HPLC, CON-P-3000) Date Tested: 12/06/2023

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0503	0.0754	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0503	0.0754	0.243	2.432	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0503	0.0754	22.276	222.764	
$\Delta$ -9-Tetrahydrocannabiphorol ( $\Delta$ -9-THCP)	0.0503	0.0754	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0503	0.0754	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0503	0.0754	0.107	1.075	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0503	0.0754	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0503	0.0754	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0503	0.0754	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0503	0.0754	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0503	0.0754	ND	ND	
Cannabidivarin (CBDV)	0.0503	0.0754	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0503	0.0754	ND	ND	
Cannabidiol (CBD)	0.0503	0.0754	ND	ND	
Cannabidiolic Acid (CBDA)	0.0241	0.0754	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerol (CBG)	0.0241	0.0754	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerolic Acid (CBGA)	0.0503	0.0754	0.810	8.101	
Cannabinol (CBN)	0.0503	0.0754	ND	ND	
Cannabinolic Acid (CBNA)	0.0503	0.0754	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabichromene (CBC)	0.0503	0.0754	ND	ND	
Cannabichromenic Acid (CBCA)	0.0503	0.0754	0.402	4.020	
Total			23.839	238.392	

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:  $\pm$  0.050% Total CBD Measurement of Uncertainty:  $\pm$  2.000% THCO potency analysis does not designate quantitative specificity of  $\Delta$ -8-THCO and  $\Delta$ -9-THCO isomers

Amended report issued to reflect change in sample identification.



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**Laboratory Director** 

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