

# CERTIFICATE OF ANALYSIS

Prepared for:  
**Brothers Grimm Genetics LLC**

7632 E County Rd 16  
 Johnstown, CO USA 80534

## Pineapple XX

Batch ID or Lot Number:	Test: <b>Potency</b>	Reported: <b>01Apr2022</b>	USDA License: N/A
Matrix: Plant	Test ID: T000200245	Started: 01Apr2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 28Mar2022	Status: New Sample

## Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.022	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.020	ND	ND	
Cannabidiol (CBD)	0.017	0.052	ND	ND	
Cannabidiolic Acid (CBDA)	0.017	0.053	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.022	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.017	0.051	ND	ND	
Cannabinol (CBN)	0.005	0.016	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.035	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.020	0.061	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.018	0.055	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.016	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.043	ND	ND	
<b>Total Cannabinoids</b>			<b>ND</b>	<b>ND</b>	
Total Potential THC			ND	ND	
Total Potential CBD			ND	ND	

## Final Approval



Jacob Miller  
 01Apr2022  
 03:59:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer  
 01Apr2022  
 04:02:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/856cad57-af60-46b6-891c-5c672bfb24f>

### Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).  
 Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/ IEC 17025:2005 Accredited A2LA.



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