

# CERTIFICATE OF ANALYSIS

Prepared for:  
**Brothers Grimm Genetics LLC**

7632 E County Rd 16  
Johnstown, CO USA 80534

## Rosetta Stone XX

Batch ID or Lot Number:	Test: <b>Potency</b>	Reported: <b>01Apr2022</b>	USDA License: N/A
Matrix: Plant	Test ID: T000200247	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	0.023	ND	ND	
Cannabichromenic Acid (CBCA)	0.007	0.021	ND	ND	
Cannabidiol (CBD)	0.017	0.054	ND	ND	
Cannabidiolic Acid (CBDA)	0.018	0.056	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.023	ND	ND	
Cannabigerol (CBG)	0.004	0.013	ND	ND	
Cannabigerolic Acid (CBGA)	0.017	0.054	ND	ND	
Cannabinol (CBN)	0.005	0.017	ND	ND	
Cannabinolic Acid (CBNA)	0.012	0.037	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.021	0.064	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.019	0.058	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.052	0.023	0.23	
Tetrahydrocannabivarin (THCV)	0.004	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.046	ND	ND	
<b>Total Cannabinoids</b>			<b>0.023</b>	<b>0.23</b>	
Total Potential THC			0.020	0.20	
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/d8d65853-6207-49e9-be86-84e964656c0b>

**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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