

CERTIFICATE OF ANALYSIS

Prepared for:
Brothers Grimm Genetics LLC

7632 E County Rd 16
Johnstown, CO USA 80534

Killer Queen XX

Batch ID or Lot Number:	Test: Potency	Reported: 01Apr2022	USDA License: N/A
Matrix: Plant	Test ID: T000200244	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	0.021	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabidiol (CBD)	0.016	0.050	ND	ND	
Cannabidiolic Acid (CBDA)	0.016	0.051	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.007	0.021	ND	ND	
Cannabigerol (CBG)	0.004	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.016	0.050	ND	ND	
Cannabinol (CBN)	0.005	0.015	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.034	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.019	0.059	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.017	0.054	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.015	0.048	0.023	0.23	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.042	ND	ND	
Total Cannabinoids			0.023	0.23	
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/778096ff-ce19-4847-9a78-9edb09dc618c>

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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CDPHE Certified

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