

CERTIFICATE OF ANALYSIS

Prepared for:
Brothers Grimm Genetics LLC

7632 E County Rd 16
Johnstown, CO USA 80534


Durban Thai x C99

Batch ID or Lot Number:	Test: Potency	Reported: 01Apr2022	USDA License: N/A
Matrix: Plant	Test ID: T000200241	Started: 31Mar2022	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)	0.028	0.092	ND	ND	
Cannabichromenic Acid (CBCA)	0.025	0.084	ND	ND	
Cannabidiol (CBD)	0.071	0.229	ND	ND	
Cannabidiolic Acid (CBDA)	0.073	0.235	ND	ND	
Cannabidivarin (CBDV)	0.017	0.054	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.030	0.098	ND	ND	
Cannabigerol (CBG)	0.016	0.052	ND	ND	
Cannabigerolic Acid (CBGA)	0.066	0.219	ND	ND	
Cannabinol (CBN)	0.021	0.068	ND	ND	
Cannabinolic Acid (CBNA)	0.045	0.149	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.079	0.260	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.071	0.237	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.063	0.210	0.111	1.11	
Tetrahydrocannabivarin (THCV)	0.014	0.048	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.056	0.185	ND	ND	
Total Cannabinoids			0.111	1.11	
Total Potential THC			0.097	0.97	
Total Potential CBD			ND	ND	

Final Approval



Karen Winternheimer
01Apr2022
02:42:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
01Apr2022
02:47:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uiid/f5b507e0-fb1c-4844-a330-ab4faa4d2fba>

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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