

CERTIFICATE OF ANALYSIS

prepared for: River Bluff CBD 18030 Quail Dr. East Dubuque, Illinois 61025

D8/CBN Gummy

Batch ID:	Not Specified	Received:	01/20/2022	Analysis:	18 Cannabinoid Potency	
Sample Type:	Edible	Analyzed:	01/25/2022	Method:	2021.18P.01	
		Test ID:	2419	Equipment:	UHPLC	

CANNABINOID PROFILE

	Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
TOTAL CANNABINOID CONTENT	Cannabidiol (CBD)	4.29e-05	1.30e-04	ND	ND
	Cannabigerol (CBG)	4.11e-05	1.25e-04	ND	ND
	Δ9-Tetrahydrocannabinol (Δ9-THC)	7.72e-05	2.34e-04	ND	ND
	Cannabacitran (CBT)	3.95e-05	1.20e-04	ND	ND
	Cannabichromene (CBC)	6.99e-05	2.12e-04	ND	ND
99.69%	Cannabinol (CBN)	3.93e-05	1.19e-04	0.14 ± 0.0039	1.45
	Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
	Cannabicyclolic acid (CBLA)	4.00e-05	1.21e-04	ND	ND
	Tetrahydrocannabivarin (THCV)	4.04e-05	1.23e-04	ND	ND
	Δ8-Tetrahydrocannabinol (Δ8-THC)	4.73e-05	1.43e-04	0.16 ± 0.0044	1.64
	Cannabinolic (CBNA)	4.70e-05	1.42e-04	ND	ND
Legend Cannabinoids	Tetrahydrocannabivarin Acid (THCVA)	3.66e-05	1.11e-04	ND	ND
Other	Cannabigerolic acid (CBGA)	3.98e-05	1.21e-04	ND	ND
	Cannabidiolic acid (CBDA)	4.15e-05	1.26e-04	ND	ND
	Cannabidivarin (CBDV)	3.97e-05	1.20e-04	ND	ND
D8-THC -	Tetrahydrocannabinolic Acid (THCA)	3.86e-05	1.17e-04	ND	ND
	Cannabichromenic acid (CBCA)	3.99e-05	1.21e-04	ND	ND
	Cannabidivarinic Acid (CBDVA)	3.99e-05	1.21e-04	ND	ND
	Total Cannabinoid**			0.31	3.08
	Total Potential THC*			ND	ND
CBN -	Total Potential CBD*			ND	ND
0.00 0.02 0.04 0.06 0.08 0.10 0.12 0.14 0.16	Total Potential CBG*			ND	ND

* Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.

* Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)) and Total CBG = CBG + (CBGa*(0.877))

** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances. Total mg cannabinoid content based off total sample weight of 7.60g.

FINAL AUTHORIZATION

Brian McCoy, Analytical Chemist 01/25/2022 12:10 PM ANALYZED BY/DATE





Logan Cline, Director of Analytical Development 01/25/2022 12:32 PM AUTHORIZED BY/DATE John Reser, Quality Analyst 01/25/2022 12:42 PM RELEASED BY/DATE

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories warrants that all analyses performed are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Minova Laboratories.

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