

# **CERTIFICATE OF ANALYSIS**

prepared for: River Bluff CBD 18030 Quail Dr.

East Dubuque, Illinois 61025

#### **D8 Skywalker**

Batch ID:	003	Received:	02/07/2022	Analysis:	18 Cannabinoid Potency
Sample Type:	Flower	Analyzed:	02/07/2022	Method:	2021.18P.01
		Test ID:	2594	Equipment:	UHPLC

### **CANNABINOID PROFILE**

	Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
TOTAL CANNABINOID CONTENT	Cannabidiol (CBD)	4.29e-05	1.30e-04	9.82 ± 0.27	98.19
	Cannabigerol (CBG)	4.11e-05	1.25e-04	0.25 ± 0.0069	2.54
	$\Delta$ 9-Tetrahydrocannabinol ( $\Delta$ 9-THC)	7.72e-05	2.34e-04	1.85 ± 0.050	18.54
31.65%	Cannabacitran (CBT)	3.95e-05	1.20e-04	0.34 ± 0.0091	3.37
	Cannabichromene (CBC)	6.99e-05	2.12e-04	0.49 ± 0.013	4.86
	Cannabinol (CBN)	3.93e-05	1.19e-04	ND	ND
	Cannabicyclol (CBL)	4.58e-05	1.39e-04	ND	ND
	Cannabicyclolic acid (CBLA)	4.00e-05	1.21e-04	ND	ND
68.35%	Tetrahydrocannabivarin (THCV)	4.04e-05	1.23e-04	ND	ND
	$\Delta$ 8-Tetrahydrocannabinol ( $\Delta$ 8-THC)	4.73e-05	1.43e-04	11.45 ± 0.31	114.52
	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	0.21 ± 0.0058	2.14
	Cannabidiolic acid (CBDA)	4.15e-05	1.26e-04	6.76 ± 0.18	67.64
D8-THC	Cannabidivarin (CBDV)	3.97e-05	1.20e-04	0.12 ± 0.0032	1.18
	Tetrahydrocannabinolic Acid (THCA)	3.86e-05	1.17e-04	ND	ND
	Cannabichromenic acid (CBCA)	3.99e-05	1.21e-04	0.35 ± 0.0094	3.49
CBD -	Cannabidivarinic Acid (CBDVA)	3.99e-05	1.21e-04	ND	ND
CBDA -	Total Cannabinoid**			31.65	316.48
	Total Potential THC*			1.85 ± 0.050	18.54
	Total Potential CBD*			15.75 ± 0.43	157.50
Δ9-THC	Total Potential CBG*			0.44 ± 0.012	4.42

\* 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

Moisture: 7.32 % Passed visual inspection for particulates, mold, mildew, and other foreign substances.

## **FINAL AUTHORIZATION**

Dr Maca

Brian McCoy, Analytical Chemist 02/07/2022 10:46 ÅM

ANALYZED BY/DATE



Logan Cline, Director of Analytical Development 02/07/2022 12:02 PM

**AUTHORIZED BY/DATE** 



John Reser, Quality Analyst 02/07/2022 12:40 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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