

CERTIFICATE OF ANALYSIS

prepared for: River Bluff CBD 18030 Quail Dr.

East Dubuque, Illinois 61025

D8 Bubba Kush

Batch ID:	003	Received:	02/02/2022	Analysis:	18 Cannabinoid Potency
Sample Type:	Flower	Analyzed:	02/04/2022	Method:	2021.18P.01
		Test ID:	2592	Equipment:	UHPLC

CANNABINOID PROFILE

Cannabidiol (CBD) 4.29e-05 1.30e-04 9.21 ± 0.25 Cannabigerol (CBG) 4.11e-05 1.25e-04 0.21 ± 0.056 Δ9-Tetrahydrocannabinol (Δ9-THC) 7.72e-05 2.34e-04 1.69 ± 0.046 Cannabichromene (CBT) 3.95e-05 1.20e-04 0.33 ± 0.0096 Cannabinol (CBN) 3.93e-05 1.19e-04 ND	6 2.08 6 16.92 0 3.33
Δ9-Tetrahydrocannabinol (Δ9-THC) 7.72e-05 2.34e-04 1.69 ± 0.046 Cannabacitran (CBT) 3.95e-05 1.20e-04 0.33 ± 0.009 Cannabichromene (CBC) 6.99e-05 2.12e-04 0.46 ± 0.012 Cannabinol (CBN) 3.93e-05 1.19e-04 ND	5 16.92 0 3.33 2 4.56 ND
27.62% Cannabacitran (CBT) 3.95e-05 1.20e-04 0.33 ± 0.0090 Cannabichromene (CBC) 6.99e-05 2.12e-04 0.46 ± 0.012 Cannabinol (CBN) 3.93e-05 1.19e-04 ND	0 3.33 2 4.56 ND
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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
72.38%Tetrahydrocannabivarin (THCV)4.04e-051.23e-04ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC) 4.73e-05 1.43e-04 9.56 ± 0.26	95.65
Cannabinolic (CBNA) 4.70e-05 1.42e-04 ND	ND
Legend Tetrahydrocannabivarin Acid (THCVA) 3.66e-05 1.11e-04 ND	ND
Other Cannabigerolic acid (CBGA) 3.98e-05 1.21e-04 0.15 ± 0.004	1 1.50
Cannabidiolic acid (CBDA) 4.15e-05 1.26e-04 5.53 ± 0.15	55.30
D8-THC - Cannabidivarin (CBDV) 3.97e-05 1.20e-04 0.13 ± 0.003	5 1.28
Tetrahydrocannabinolic Acid (THCA) 3.86e-05 1.17e-04 ND	ND
Cannabichromenic acid (CBCA) 3.99e-05 1.21e-04 0.23 ± 0.006	3 2.33
CBD - Cannabidivarinic Acid (CBDVA) 3.99e-05 1.21e-04 0.11 ± 0.003	0 1.13
CBDA - 27.62	276.15
Total Potential THC* 1.69 ± 0.046	6 16.92
Total Potential CBD* 14.06 ± 0.38	3 140.57
A9-THC Total Potential CBG* 0.34 ± 0.009	2 3.40

* 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: 1.22 % Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

Bankca

Brian McCoy, Analytical Chemist 02/04/2022 12:32 PM

ANALYZED BY/DATE



Logan Cline, Director of Analytical Development 02/04/2022 12:42 PM

AUTHORIZED BY/DATE



John Reser, Quality Analyst 02/04/2022 12:59 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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