EXTRACT LABS
ANALYTICAL SERVICES

CERTIFICATE OF ANALYSIS

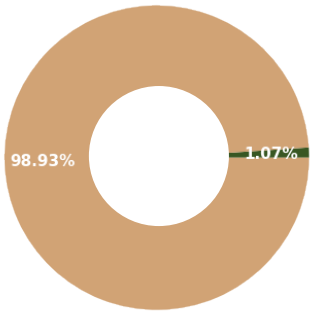
prepared for: River Bluff CBD
18030 Quail Dr.
East Dubuque, IL 61025

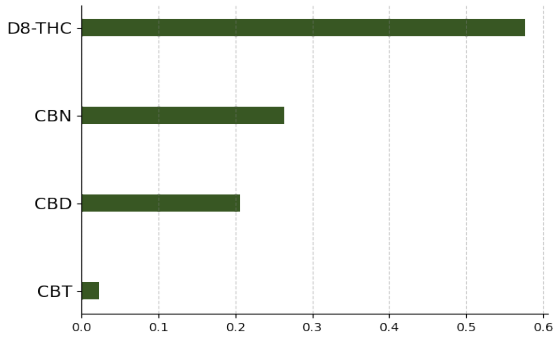
Roll on, D8 CBD DBN Blend

Batch ID:	Not Specified	Received:	11/30/2021	Analysis:	18 Cannabinoid Potency
Sample Type:	Topical	Analyzed:	12/06/2021	Method:	2021.18P.01
		Test ID:	1976	Equipment:	UHPLC

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT





Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	4.29e-05	1.30e-04	0.21 ± 0.0056	2.06
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	0.02 ± 0.00063	0.23
Cannabichromene (CBC)	6.99e-05	2.12e-04	ND	ND
Cannabinol (CBN)	3.93e-05	1.19e-04	0.26 ± 0.0071	2.64
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	0.58 ± 0.016	5.77
Cannabinolic (CBNA)	4.70e-05	1.42e-04	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	3.66e-05	1.11e-04	ND	ND
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
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**			1.07	10.71
Total Potential THC*			ND	ND
Total Potential CBD*			0.21 ± 0.0056	2.06
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.

FINAL AUTHORIZATION

Brian McCoy, Analytical Chemist 12/06/2021 09:30 AM	Logan Cline, Analytical Development Chemist 12/06/2021 09:59 AM	John Reser, Quality Analyst 12/06/2021 10:31 AM
ANALYZED BY/DATE	AUTHORIZED BY/DATE	RELEASED BY/DATE

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC, 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 Extract Labs, INC.

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ACCREDITED CERT #6019.01

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