

CERTIFICATE OF ANALYSIS

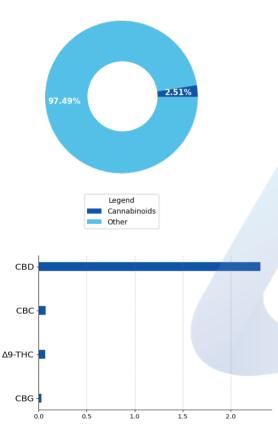
prepared for: Lake Roots Company 610 West Avenue, Suite A-2

Deep Relief

Batch ID:	108	Received:	04/20/2022	Analysis:	15 Cannabinoid Potency
Sample Type:	Topical	Analyzed:	04/26/2022	Method:	2021.15P.01
	'	Test ID:	3623	Equipment:	HPLC

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT



Cannabinoid	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	5.90e-05	1.80e-04	2.31 ± 0.062	23.10
Cannabigerol (CBG)	5.20e-05	1.60e-04	0.03 ± 0.00077	0.29
Δ9-Tetrahydrocannabinol (Δ9-THC)	4.90e-05	1.50e-04	0.07 ± 0.0019	0.70
Cannabacitran (CBT)	5.20e-05	1.60e-04	0.03 ± 0.00075	0.28
Cannabichromene (CBC)	3.90e-05	1.20e-04	0.07 ± 0.0019	0.72
Cannabinol (CBN)	5.00e-05	1.50e-04	ND	ND
Cannabicyclol (CBL)	2.50e-05	7.60e-05	ND	ND
Tetrahydrocannabivarin (THCV)	3.70e-05	1.10e-04	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	6.20e-05	1.90e-04	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	3.80e-05	1.20e-04	ND	ND
Cannabigerolic acid (CBGA)	1.10e-04	3.40e-04	ND	ND
Cannabidiolic acid (CBDA)	9.60e-05	2.90e-04	ND	ND
Cannabidivarin (CBDV)	2.90e-05	8.80e-05	ND	ND
Tetrahydrocannabinolic Acid (THCA)	1.70e-04	5.10e-04	ND	ND
Cannabidivarinic Acid (CBDVA)	3.10e-05	9.50e-05	ND	ND
Total Cannabinoid**			2.51	25.08
Total Potential THC*	A		0.07 ± 0.0019	0.70
Total Potential CBD*	4		2.31 ± 0.062	23.10
Total Potential CBG*			0.03 ± 0.00077	0.29

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

Brian McCoy, Analytical Chemist 04/26/2022 04:57 PM

ANALYZED BY/DATE

Logan Cline, Director of Analytical Development 04/26/2022 05:07 PM

AUTHORIZED BY/DATE

John Reser, Quality Analyst 04/26/2022 08:43 AM

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.







^{*} 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)