



CERTIFICATE OF ANALYSIS

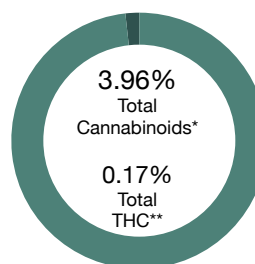
Prepared for: Herbal Root Collective
8523 Brookfield Dr.
Austin, TX 78758

Tincture 4

Batch ID:	Not Provided	Test ID:	CANN_55
Reported:	31-Mar-2021	Method:	HPLC/UV
Type:	Tincture		
Test:	Potency		

Analytes and Results: Cannabinoids

Analyze Name	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THC-A)	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.17	1.68
Cannabidiolic acid (CBDA)	ND	ND
Cannabidiol (CBD)	3.52	35.22
Delta 8-Tetrahydrocannabinol (Delta 8THC)	ND	ND
Cannabinolic acid (CBNA)	ND	ND
Cannabinol (CBN)	0.04	0.37
Cannabigerolic acid (CBGA)	ND	ND
Cannabigerol (CBG)	0.09	0.88
Cannabichromenic acid (CBCA)	ND	ND
Cannabichromene (CBC)	0.08	0.81
Tetrahydrocannabivarin (THCV)	ND	ND
Cannabidivarinic acid (CBDVA)	ND	ND
Cannabidivarin (CBDV)	0.06	0.60
Total Cannabinoids	3.96	39.56
Total Potential THC**	0.17	1.68
Total Potential CBD**	3.52	35.22



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

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

Total THC= THC + (THCa*(0.877)) and

Total CBD = CBD + (CBDa*(0.877))

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

FINAL APPROVAL

CEO
Reported on:
31-Mar-21



APPROVED BY /DATE

Testing results are based solely on the sample provided to ZOSI Analytical, LLC, in the condition it was received. ZOSI Analytical, LLC warrants all analytical work is conducted professionally in accordance with all applicable laboratory practices. Data was generated at an approved, ISO-accredited partner lab. This report may not be reproduced, except in full, without the written approval of ZOSI Analytical, LLC. ISO 17025:2017 PJLA Certificate Number L20-574.