



# CERTIFICATE OF ANALYSIS

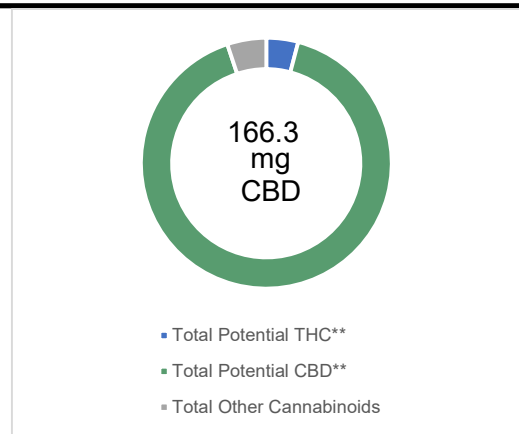
Prepared for: Herbal Root Collective  
8523 Brookfield Dr.  
Austin, TX 78758

**PRODUCT:** CBD Roll-on Topical

Batch ID: None Provided	Test ID: CANN_5
Sample ID: TOP_003	Reported August 4, 2020
Method: HPLC/UV-DAD by TM-001	Test: Potency-16 Cannabinoid Profile
Type: Oil Based Tincture	

## CANNABINOID PROFILE

Compound	Result (% w/w)	Result (mg/g)	Result (mg)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.000	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.083	0.83	7.5
Cannabidiolic acid (CBDA)	0.000	0.00	0.0
Cannabidiol (CBD)	1.836	18.36	166.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.000	0.00	0.0
Cannabinolic Acid (CBNA)	0.000	0.00	0.0
Cannabinol (CBN)	0.000	0.00	0.0
Cannabigerolic acid (CBGA)	0.008	0.08	0.7
Cannabigerol (CBG)	0.038	0.38	3.40
Tetrahydrocannabivarinic Acid (THCVA)	0.000	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.000	0.000	0.000
Cannabidivarinic Acid (CBDVA)	0.000	0.00	0.0
Cannabidivarin (CBDV)	0.000	0.00	0.0
Cannabichromenic Acid (CBCA)	0.000	0.00	0.0
Cannabichromene (CBC)	0.056	0.56	5.1
Cannabicyclol (CBL)	0.000	0.00	0.0



Total Cannabinoids*	2.021	20.21	183.0	Notes
Total Potential THC**	0.08	0.83	7.5	Calculated amt. per container 9.1 grams
Total Potential CBD**	1.84	18.36	166.3	
Total Other Cannabinoids	0.10	1.02	9.2	

\*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

  
Dale Smith  
4-Aug-20  
11:59 AM



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