



Certificate of Analysis

Name of Client:	Elevated Hemp Solutions
Sample Name:	Crown7 Blue Raspberry 300 mg
Date of Analysis	4/18/2019
Batch Number:	041819-01

Results		
	wt %	mg/g
Cannabidiolic acid - CBDA	ND	ND
Cannabigerol - CBG	ND	ND
Cannabidiol - CBD	1.05%	10.5
Cannabinol - CBN	ND	ND
Delta-9-Tetrahydrocannabinol - d9-THC	ND	ND
Tetrahydrocannabinolic acid - THCA	ND	ND

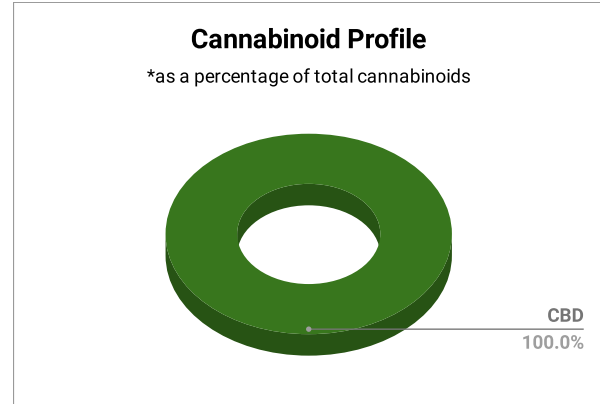
CBD and THC Equivalents		
	wt %	mg/g
CBD Equivalents	1.05%	10.5
THC Equivalents	ND	ND

CBD:THC Ratio	N/A
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Total Tincture Volume (mL):	30
Total CBD Amount (mg):	314

Lab Personnel Signature: *Griffin Lynch*

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CBD and THC Equivalents Explained

CBD Equivalents = $0.877 * \text{CBDA} + \text{CBD}$
 THC Equivalents = $0.877 * \text{THCA} + \text{d9-THC}$

Upon heating CBDA and THCA transform into CBD and d9-THC, respectively. This process is called decarboxylation because a carboxyl group is lost in the process. It is standard to calculate the actual weight percent/concentration of both CBD and THC as the weight percent/concentration assuming all of the CBDA and THCA are decarboxylated.

Details of Testing

High performance liquid chromatography (HPLC) was used to determine concentrations of CBD, CBG, CBDA, CBN, d9-THC, and THCA. Any result reported back as ND (not detected) is below our lower limit of detection. Our lower limit of detection is 0.005%.

Disclaimer

These results are solely for the purposes of research and development. This report is only for the sample listed above and may not be reproduced except in its entirety.