



CANNABINOID PROFILE & POTENCY

# CERTIFICATE OF ANALYSIS

## COMMONWEALTH EXTRACTS, LLC.

Certificate ID: CE13957  
 Batch #: N/A  
 Matrix: Be Active  
 Date Received: 11/19/2019

Client Name: Herb Tech Pharmaceuticals  
 Address: 39 Dodge St. Suite 311  
 Beverly, MA 01915  
 Attn: John Masiz

*This test method was performed in accordance with the requirements of ISO/IEC 17025. The sample was provided to the laboratory by the client and tested as received. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.*

CN: Cannabinoid Profile & Potency

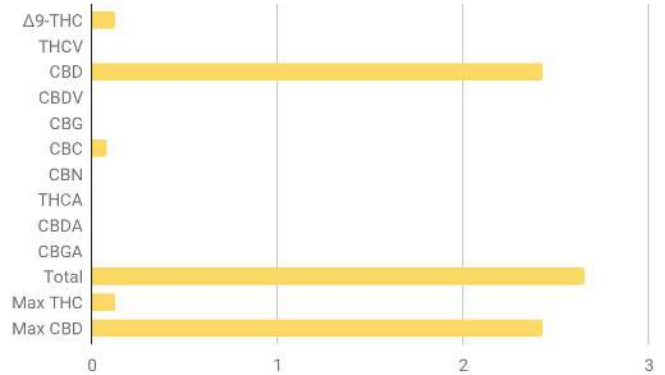
Analyst: R. M.

Test Date: November 19th, 2019

The client sample was analyzed for plant-based cannabinoids by Convergence Chromatography (CC). The collected data was compared to data collected for certified reference standards at known concentrations.

ID	Weight %	Concentration (mg/mL)
Δ9-THC	0.08 %	0.83 mg/mL
THCV	ND	ND
CBD	1.90 %	18.99 mg/mL
CBDV	ND	ND
CBG	ND	ND
CBC	0.07 %	0.66 mg/mL
CBN	ND	ND
THCA	ND	ND
CBDA	ND	ND
CBGA	ND	ND
Total Cannabinoids	2.05 %	20.48 mg/mL
Max THC	0.08 %	0.83 mg/mL
Max CBD	1.90 %	18.99 mg/mL

Cannabinoid Potency



Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. ND = None detected above the limits of detection (LLD).

Authorization: John Taylor, Chief Operations Officer	Signature:	Date: 11/19/2019
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