



CANNABINOID PROFILE & POTENCY
CERTIFICATE OF ANALYSIS
 COMMONWEALTH EXTRACTS, LLC.

Certificate ID: CE16355
 Batch #: 5H07152036-01
 Matrix: 3000mg/30mL FSD Dreamsicle
 Date Received: 07/15/20

Client Name: 502 Hemp
 Address: 201 Moser Rd. Suite B
 Louisville, KY 40223
 Attn: Dee Dee Taylor

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: July 15th, 2020

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/g)
Δ9-THC	0.63 %	6.29 mg/mL
THCV	ND	ND
CBD	10.72 %	107.19 mg/mL
CBDV	ND	ND
CBG	0.12 %	1.18 mg/mL
CBC	0.38 %	3.75 mg/mL
CBN	0.06 %	0.56 mg/mL
THCA	ND	ND
CBDA	ND	ND
CBGA	ND	ND
Total		
Cannabinoids	11.90 %	118.97 mg/mL
Max THC	0.63 %	6.29 mg/mL
Max CBD	10.72 %	107.19 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: $\text{Max THC} = (0.877 \times \text{THCA}) + \text{THC}$. ND = None detected above the limits of detection (LLD).

Authorization: Dr. Ryan J. McKinnie, Chief Scientific Officer
 Signature: *[Handwritten Signature]*
 Date: 07/15/2020