



COMMONWEALTH  
EXTRACTS

CANNABINOID PROFILE & POTENCY

## CERTIFICATE OF ANALYSIS

COMMONWEALTH EXTRACTS, LLC.

**Certificate ID:** CE15576  
**Batch ID:** PV04292019  
**Matrix:** 25 mg gummie  
**Date Received:** 04/10/2020

**Client Name:** Commonwealth Extracts  
**Address:** 6900 Riverport Dr. Suite D  
Louisville, KY 40258  
**Attn:** John 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

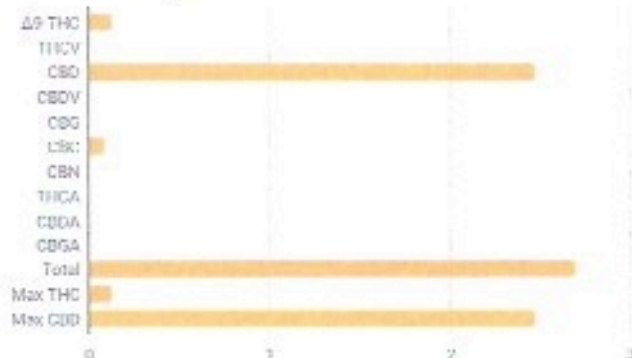
Analyst: R. M.

Test Date: April 10th, 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/ea) |
|-----------------------|----------|-----------------------|
| Δ9-THC                | 0.12 %   | 1.20 mg/ea            |
| THCV                  | ND       | ND                    |
| CBD                   | 2.53 %   | 25.33 mg/ea           |
| CBDV                  | ND       | ND                    |
| CBG                   | ND       | ND                    |
| CBC                   | 0.08 %   | 0.84 mg/ea            |
| CBN                   | ND       | ND                    |
| THCA                  | ND       | ND                    |
| CBDA                  | ND       | ND                    |
| CBGA                  | ND       | ND                    |
| Total<br>Cannabinoids | 2.74 %   | 27.37 mg/ea           |
| Max THC               | 0.12 %   | 1.20 mg/ea            |
| Max CBD               | 2.53 %   | 25.33 mg/ea           |

### 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:

Date: 04/10/2020