

### CERTIFICATE OF ANALYSIS

No. C-AR01211-3-1

| Sample Information   |  |                                  |
|--|--|----------------------------------|
| Description: Vitality CBD 1200mg Broad Spectrum E-liquid Berry Flavour | Sample Conforms to Description   | Test Performed Date: 02-Mar-2020 |
| PV ID: AR01211-3   | Received Date: 28-Feb-2020   | Test Method: PVSOP-44            |
| Batch No: W0012042   | Test Location: CHEM_LAB  | Sample Number: 185               |
| Customer Information   |  |                                  |
| Name: Vitality CBD LTD   | Address: Unit 19, Wainwright Street, Aston, Birmingham, West Midlands, B65TJ |                                  |
| Method Information   |  |                                  |
| Cannabinoid Content by HPLC  |  |                                  |

Results apply to sample as received

### CANNABINOID PROFILE

| Analyte | Result %w/v | Result mg/ml | LOD %w/v |
|---------|-------------|--------------|----------|
| CBDV    | 0.010       | 0.10         | 0.001    |
| CBDVA   | ND          | ND           | 0.0006   |
| CBG     | ND          | ND           | 0.002    |
| CBD     | 4.189       | 41.89        | 0.002    |
| THCV    | ND          | ND           | 0.002    |
| CBDA    | ND          | ND           | 0.0009   |
| CBGA    | ND          | ND           | 0.0009   |
| CBN     | ND          | ND           | 0.001    |
| Δ9-THC  | ND          | ND           | 0.004    |
| Δ8-THC  | ND          | ND           | 0.004    |
| THCVA   | ND          | ND           | 0.001    |
| CBC     | ND          | ND           | 0.002    |
| THCA    | ND          | ND           | 0.002    |
| CBCA    | ND          | ND           | 0.006    |

**CBDV** = Cannabidivarin

**CBD** = Cannabidiol

**CBGA** = Cannabigerolic Acid

**Δ8-THC** = Δ8-Tetrahydrocannabinol

**THCA** = Tetrahydrocannabinolic Acid

**CBDVA** = Cannabidivarinic Acid

**THCV** = Tetrahydrocannabivarin

**CBN** = Cannabinol

**THCVA** = Tetrahydrocannabivarinic Acid

**CBCA** = Cannabichromenic Acid

**CBG** = Cannabigerol

**CBDA** = Cannabidiolic Acid

**Δ9-THC** = Δ9-Tetrahydrocannabinol

**CBC** = Cannabichromene

**Additional Information: Calculations based on a density of 1.076g/ml, measured at ambient temperature.**

ND = Not Detected

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| Analyst:<br><br>Jamie Martin<br>Junior Analytical Chemist | Reviewed By:<br><br>Rob McMahon<br>Analytical Chemist |
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