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CERTIFICATE OF ANALYSIS

No. C-AR01241-2-1

| Sample Information | | | | |
|---|---|---------------------------------|--|--|
| Description: Vitality CBD 600mg Oral Drops Natural Flavour | Sample Conforms to Description | Test Performed Date:10-Mar-2020 | | |
| PV ID: AR01241-2 | Received Date: 09-Mar-2020 | Test Method: PVSOP-44 | | |
| Batch No: WO012009 | Test Location: CHEM_LAB | Sample Number: 262 | | |
| 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 | 0.008 | 0.08 | 0.001 |
| CBDVA | ND | ND | 0.0006 |
| CBG | ND | ND | 0.002 |
| CBD | 2.139 | 21.39 | 0.002 |
| THCV | ND | ND | 0.002 |
| CBDA | 0.009 | 0.09 | 0.0008 |
| CBGA | ND | ND | 0.0008 |
| CBN | ND | ND | 0.0009 |
| 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

 $\Delta 8$ -THC = $\Delta 8$ -Tetrahydrocannabinol THCA = Tetrahydrocannabinolic Acid

CBDVA = Cannabidivarinic Acid **THCV** = Tetrahydrocannabivarin

CBN = Cannabinol

THCVA = Tetrahydrocannabivarinic Acid **CBCA =** Cannabachromenic Acid

CBG = Cannabigerol
CBDA = Cannabidiolic Acid
Δ9-THC = Δ9-Tetrahydrocannabinol

CBC = Cannabichromene

Additional Information: Calculations based on a density of 0.918g/ml, measured at ambient temperature.

ND = Not Detected

| Analyst: | Reviewed By: | |
|---------------------------|--------------------|--|
| Smrs weekth | R. J. Murr | |
| Jamie Martin | Rob McMahon | |
| Junior Analytical Chemist | Analytical Chemist | |