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Laboratory Testing, Analysis & Regulatory Compliance

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Chemical Content Analysis

Client	**Revival**
Product	**Revival Nutrition Watermelon 2400mg**
Volume	**30ml**
Batch No.	**11933A-167003**
Lab ID	**CBD0511**
Date	**15.12.2020**
Analysis by	**Lawrence Theobald**
Approved by	**Mark Portsmouth**

Method Summary:

0.5g of sample was measured on a balance and extracted with Isopropyl Alcohol to give a sample at 25 mg/ml. This was then diluted further in Methanol

The sample was analysed on an Agilent HPLC with a DAD detector. The system was calibrated using standard solutions of eleven Cannabinoids. Cannabinoid concentrations in the sample were determined using the relevant calibration lines.

The results are presented in Table 1 and Figure 1 below.

PASSED

Results

Cannabinoid Compound (Abbreviation)	CAS Number	LoQ (µg/mL)	Target Concentration (mg/ml)	Measured Concentration (mg/ml)	PASS/FAIL
Cannabidivarin (CBDV)	24274-48-4	0.1	No Target	0.1039	N/A
Cannabidiolic Acid (CBDA)	1244-58-2	0.1	No Target	BQL	N/A
Cannabigerolic Acid (CBGA)	25555-57-1	0.1	No Target	BQL	N/A
Cannabigerol (CBG)	25654-31-3	0.1	No Target	BQL	N/A
Cannabidiol (CBD)	13956-29-1	0.1	80	83.5955	PASS
Tetrahydrocannabivarin (THCV)	1972-08-3	0.1	Legal Limit	BQL	PASS
Cannabinol (CBN)	521-35-7	0.1	Legal Limit	BQL	PASS
Δ9-Tetrahydrocannabinol (THC)	1972-08-3	0.1	Legal Limit	BQL	PASS
Δ8-Tetrahydrocannabinol (Δ8-THC)	5957-75-5	0.1	Legal Limit	BQL	PASS
Cannabichromene (CBC)	20675-51-8	0.2	No Target	BQL	N/A
Δ9-Tetrahydrocannabinolic Acid (THCA)	23978-85-0	0.2	Legal Limit	BQL	PASS

Table 1- Results. LOQ- Limit of Quantitation. BQL- Below Quantitation Limit

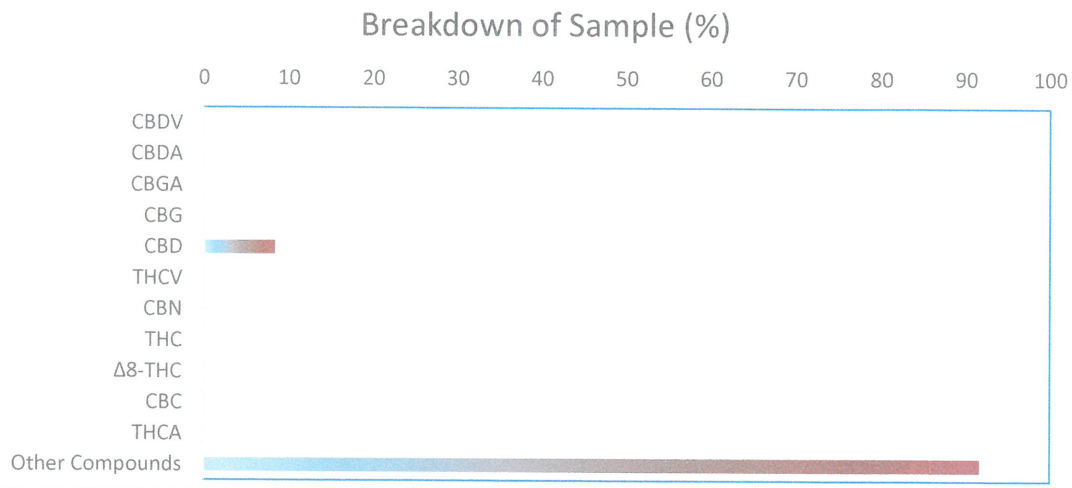

Figure 1- Proportion of sample breakdown

Comments

Acceptance Criteria- All prohibited Cannabinoids below legal limits, CBD and CBDA content ±5% of expected dosage.
2400mg of CBD in a 30ml container is equivalent to 80 mg/ml
Limits- CBN- 1mg per container, Δ8-THC- 1mg per container, THCV- 1mg per container
THC and THCA- 1mg per container combined

Summary- All prohibited Cannabinoids are below legal limits and CBD is within acceptance criteria