

## Chemical Content Analysis

Client	Taylor Mammon
Product	Ignite CBD Moisture Day Cream 500mg
Volume	50 mL
Batch No.	7495
Lab ID	CBD0398
Date	11.05.2020
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 20 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.

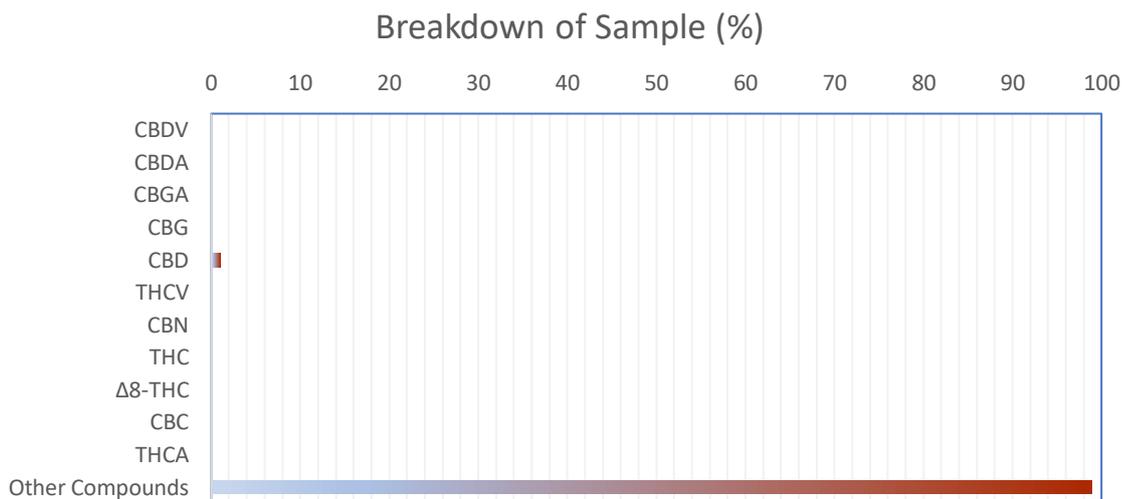
**PASSED**

## Results

Cannabinoid Compound (Abbreviation)	CAS Number	LoQ (µg/mL)	Target Concentration (%)	Measured Concentration (%)	PASS/FAIL
Cannabidivarin (CBDV)	24274-48-4	0.1	No Target	0.0389	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	0.0009	N/A
Cannabigerol (CBG)	25654-31-3	0.1	No Target	BQL	N/A
Cannabidiol (CBD)	13956-29-1	0.1	1.0	1.0076	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%  
500mg of CBD in 50ml is equivalent to 10mg/ml or 1%

**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