

Chemical Content Analysis

Client: Taylor Mammon
 Product: Ignite CBD Body Oil 500mg
 Volume: 100 mL
 Batch No.: 7495
 Lab ID: CBD0396
 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.

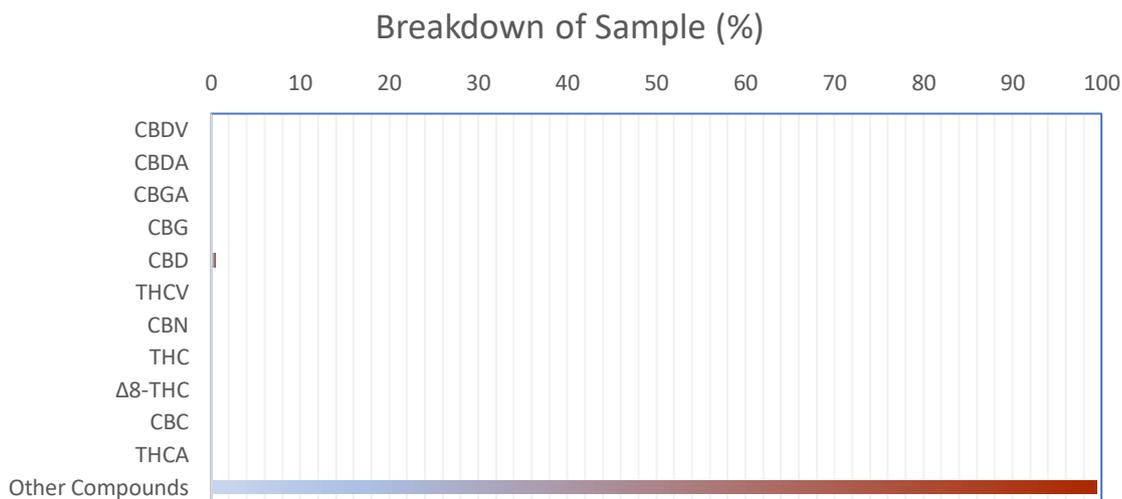
PASSED

Results

Cannabinoid Compound (Abbreviation)	CAS Number	LoQ (µg/mL)	Target Concentration (%)	Measured Concentration (%)	PASS/FAIL
Cannabidivarin (CBDV)	24274-48-4	0.1	No Target	0.0005	N/A
Cannabidiolic Acid (CBDA)	1244-58-2	0.1	No Target	0.0013	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	0.5	0.5232	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 100ml is equivalent to 5mg/ml or 0.5%

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