

Eos Sceientific | Unit 18 Childerditch Industrial Park
Brentwood | Essex | CM13 3HD | United Kingdom

T: +44 (0)1277 523255 | E: business@eosscientific.co.uk

Chemical Content Analysis

Client Equilibrium CBD

Product CBD Infused Coffee 1mg/g

Volume N/A

Batch No. **CBDCV452A21**Lab ID **CBD0535**Date **28.04.2022**

Analysis by Lawrence Theobald

Method Summary:

0.5g of sample was measured on a balance and extracted with Isopropyl Alcohol to give a sample at25mg/ml.

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. This was performed three times.

The average of the results are presented in Table 1 and Figure 1 below.

PASSED

Results

Cannabinoid Compound (Abbreviation)	CAS Number	LoQ (μg/mL)	Target Concentration (mg/g)	Measured Concentration (mg/g)	PASS/FAIL
Cannabidivarin (CBDV)	24274-48-4	0.1	No Target	0.0047	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	0.4274	N/A
Cannabidiol (CBD)	13956-29-1	0.1	1	0.9404	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	23978-85-0	0.2	Legal Limit	BQL	PASS

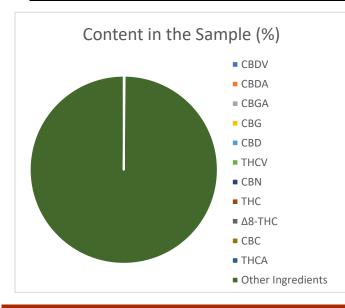


Table 1- Results. LOQ- Limit of Quantitation. BQL- Below Quantitation Limit

Figure 1- Image of Sample in Lab

Figure 2- Chart depicting the makeup of the product. 'Other Ingredients' include all non-analysed compounds.



Comments

Acceptance Criteria- All prohibited Cannabinoids below legal limits.

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