

## Chemical Content Analysis

Client: **Poko Group**  
 Product: **CBD Infused Coffee**  
 Volume: **N/A**  
 Batch No.: **CBDCV452A21**  
 Lab ID: **CBD0535**  
 Date: **17.10.2022**  
 Analysis by: **Lawrence Theobald**

## Method Summary:

0.5g of sample was measured on a balance and extracted with Isopropyl Alcohol to give a sample at 25 mg/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 (THCA)	23978-85-0	0.2	Legal Limit	BQL	PASS

Content in the Sample (%)

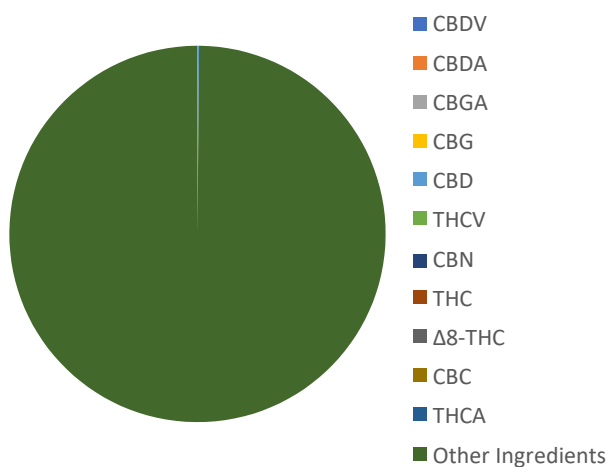


Table 1- Results. LOQ- Limit of Quantitation. BQL- Below Quantitation Limit

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, CBD and CBDA content ±9% of expected dosage.

**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