

## **ANALYTICAL REPORT**

### **Cannabinoid Product Assessment Cannabinoid Content Analysis**

**Home Grown CBD Daily Moisturiser  
Batch: B01820329**

**NextGEN360 Job Number: 00045.1**

**Date:03/12/2020**

**Client ID: Home Grown CBD**

**Client Contact Information: [matt@homegrowncbd.com](mailto:matt@homegrowncbd.com)**

**Authorising Signature:**

*Lizi Jenkins*

**Study Director: Lizi Jenkins**

**Client Contact: [matt@homegrowncbd.com](mailto:matt@homegrowncbd.com)**

**Assigned Personnel: Lacey George**

**Sample Identification**

<b>Sample Type:</b>	<b>CBD Distillate</b>
<b>Job Number:</b>	<b>00045</b>
<b>Sample Number:</b>	<b>1</b>
<b>Date Sample Received:</b>	<b>30/11/2020</b>
<b>Laboratory Temperature:</b>	<b>20°C</b>

Table 1: Sample Identification Summary

**Method Summary:**

The following method was conducted in line with SOP/QPS 62.0– Full Cannabinoid Testing. No deviations were made from the sampling procedure documented in this SOP. Other SOPs used: SOP/QPS 61.0– Avoiding Contamination in the Laboratory; SOP/QPS 64.0 – Continuous Calibration Checks. Deviations, additions or exclusions to the reference methodology or SOPs will result in non-performance of laboratory activities.

5 calibration standard concentrations of each cannabinoid standard were used to form a calibration curve for each cannabinoid. Samples were diluted using 2 dilution factors to fit within the calibration range. Two dilution factors were used, depending on the quantitative goal. One dilution factor yielded appropriate detector sensitivity to the array of minor cannabinoids. A second, higher dilution factor was established for the most accurate quantitation of the major CBD component so that its response was within the established quantitative range established for that analyte. All samples were analysed using the Agilent 1220 Infinity II HPLC system.

**Disclaimer – The results presented on this certificate refer only to the sample provided by the customer.**

Equipment	Serial/Lot Number
HPLC	DEACH01217
Autopipette	RC75367
CBD Standard	A0160344
CBDA Standard	A0162911
CBG Standard	A0158938
CBGA Standard	A0159493
Delta-8-THC Standard	A0155749
Delta-9-THC Standard	A0159145
THCA Standard	A0163059
CBN Standard	A0158687
CBDV Standard	A0160345
CBC Standard	A0162635

**Table 2: Equipment Serial Numbers**

**Sample Analysed using In-House Validated Methodologies.**

### **Certificate of Analysis**

Compound Name	CAS No.	Calculated Concentration (mg/g)
CANNABIDIOL	13956-29-1	4.978
DELTA-8 THC	1972-08-3	0.003
DELTA-9 THC	1972-08-3	0.019
CBG	25654-31-3	ND
CBN	521-35-7	ND
THCA	23978-82-0	ND
CBDA	1244-58-2	0.149
CBDV	24274-48-4	0.020
CBC	20675-51-8	0.036
CBGA	25555-57-1	0.003

**Table 3: Cannabinoid Analysis Summary**

\* BQL – below quantitation limit

\* N.D. – Not detected

### **Note on Reporting Units**

Due to the varying amounts of analytes observed, the most appropriate reporting units have been chosen appropriate to each analysis.

### **Records and Archiving**

An archive copy of this report and associated documents/raw data will be kept on-file by NextGEN360 Analytical Laboratories for a period of six years.

**Revision History**

<b>Revision Number</b>	<b>Date</b>	<b>Approved By</b>
03	11/11/2020	L. Jenkins
<b><u>Amendments Made:</u></b> Update to correct 'CBA' to 'CBDA'		
<b><u>Reason for Revision:</u></b> Amendments to correct cannabinoid		

\*\*\*\*\***Report Ends**\*\*\*\*\*