

## ANALYTICAL REPORT

### Cannabinoid Product Assessment Cannabinoid Content Analysis CANISOL 9.67%

**NextGEN360 Job Number: #00026**

**Date: 22/09/2020**

**Client ID: Advance Flavour Solutions**

**Client Contact Information:**

**[mark@advanceflavoursolutions.com](mailto:mark@advanceflavoursolutions.com)**

**Authorising Signature:**

*Lizi Jenkins*

**Study Director:**

**Client Contact:**

**Assigned Personnel:**

**Sample Identification**

<b>Sample Type:</b>	<b>CBD Water Soluble</b>
<b>Job Number:</b>	<b>00026</b>
<b>Sample Number:</b>	<b>1</b>
<b>Date Sample Received:</b>	<b>22/09/2020</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 – Full Cannabinoid Testing. No deviations were made from the sampling procedure documented in this SOP. Other SOPs used: SOP – Avoiding Contamination in the Laboratory; SOP – 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	N/A
CBD Standard	A0160344
CBDA Standard	A0162911
CBG Standard	A0155749
CBGA Standard	A0159145
Delta-8-THC Standard	A0158687
Delta-9-THC Standard	A0158938
THCA Standard	A0159493
CBN Standard	A0160349
CBDV Standard	A0162635
CBC Standard	A0163059

**Table 2: Equipment Serial Numbers**

Sample Analysed using In-House Validated Methodologies.

### Certificate of Analysis

Compound Name	CAS No.	Calculated Concentration (Mg/ML)
CANNABIDIOL	13956-29-1	97.05
DELTA-8 THC	1972-08-3	ND
DELTA-9 THC	1972-08-3	ND
CBG	25654-31-3	ND
CBN	521-35-7	ND
THCA	23978-82-0	ND
CBA	1244-58-2	ND
CBDV	24274-48-4	ND
CBC	20675-51-8	ND
CBGA	25555-57-1	ND

**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>
<b>02</b>	<b>08/07/2020</b>	<b>L. Jenkins</b>
<b>Amendments Made:</b> Update to document format		
<b>Reason for Revision:</b> Amendments to format to ensure ease of use.		

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