

# Test Report

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Test Report No.: FR002224\_S20011901

Date: 5<sup>th</sup> March 2020

Customer:	CiiTECH
Analysis:	Suite of 7 cannabinoids
Matrix:	CBD Balm
Received:	13 <sup>th</sup> of February 2020
Analysed	21 <sup>st</sup> to 25 <sup>th</sup> of February 2020

## 1. BACKGROUND

This report describes the analytical testing of a CBD labeled sample product.

The term "CBD" is an acronym for cannabidiol, which is one of several cannabinoids, or chemical compounds, that are found in cannabis and hemp plants.

The sample was analysed for the concentrations of 7 cannabinoids:

- **CBC**, Cannabichromene
- **CBD**, Cannabidiol
- **CBDA**, Cannabidiolic acid
- **CBG**, Cannabigerol
- **CBN**, Cannabinol
- **THC**, Tetrahydrocannabinol
- **THCA**, Tetrahydrocannabinolic acid

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## 2. SAMPLE DESCRIPTION

The sample was received at the laboratory in satisfactory condition and stored at ambient temperature prior to analysis.

The sample was received in the manufacturers (Provacan) packaging with all seals intact.

A unique identifying number was assigned to the sample using the Fera laboratory information management system. The relevant sample details are shown in the table below.

Sample information				
Fera reference	Customer reference	Description	Batch/LOT code	Best before
S20-011901	110b	Provacan CBD Balm with cocoa butter. 30 ml. CBD 900 mg.	BA03019283B	04/2021

## 3. SAMPLING AND ANALYSIS

### 3.1 Cannabinoids

The sample was extracted into solvent and diluted before the cannabinoids were determined using LC-UV. Accuracy of the method was assessed by analysing in-house reference material with known concentrations of CBD alongside the sample and by overspiking blank material with a known concentration of each cannabinoid

## 4. RESULTS

### 4.1 Cannabidiol

Sample identification			CBD concentration	
Fera reference	Customer reference	Description	mg/kg	%
S20-011901	110b	Provacan CBD Balm with cocoa butter. 30 ml. CBD 900 mg.	10080	1.0

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## 4.2 Cannabichromene, cannabidiolic acid, cannabigerol, cannabinol, tetrahydrocannabinol and tetrahydrocannabinolic acid

Sample identification			Cannabinoid concentrations (mg/kg)					
Fera reference	Customer reference	Description	CBC	CBD A	CBG	CBN	THC	THC A
S20-011901	110b	Provacan CBD Balm with cocoa butter. 30 ml. CBD 900 mg.	570	20356	304	94	840	549

<b>Issuing Officer:</b>	Mark Harrison, Analytical chemist	<b>Date:</b>	03/03/20
<b>Countersigning Manager:</b>	Rosario Romero, Senior analytical chemist	<b>Date:</b>	05/03/20

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