

Medicanna Ltd - EthicaCBD  
Unit 7 Bude Business Centre  
EX23 8QN Bude  
UK

Customer ID: 2000080

Winterthur, 02/13/2021

## Test Report No.: P13A01

Customer: Medicanna Ltd - EthicaCBD  
Matrix: Oil  
Received: 02/11/2021  
Analysis period: 02/11/2021 - 02/13/2021

Customer sample ID: Med - Isolate - 4  
Lab sample ID: P13A01

### Results

#### Cannabinoid concentrations in mg/kg

$\Delta$ 9-THC ( $\Delta$ 9-Tetrahydrocannabinol) n.d.  
THCA (Tetrahydrocannabinolic acid) n.d.  
Total  $\Delta$ 9-THC

CBG (Cannabigerol) n.d.  
CBGA (Cannabigerolic acid) n.d.  
Total CBG

CBD (Cannabidiol) 104000  
CBDA (Cannabidiolic acid) n.d.  
Total CBD 104000

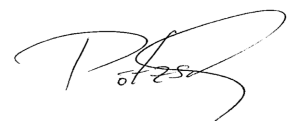
CBN (Cannabinol) n.d.  
CBNA (Cannabinolic acid) n.d.  
Total CBN

CBDV (Cannabidivarin) 120  
CBDVA (Cannabidivarinic acid) n.d.

THCV (Tetrahydrocannabivarin) n.d.  
THCVA (Tetrahydrocannabivarinic acid) n.d.

$\Delta$ 8-THC ( $\Delta$ 8-Tetrahydrocannabinol) n.d.

n.d. = not detected, below the limit of detection of 5 mg/kg; < LOQ = below the limit of quantitation of 20 mg/kg  
for details on sampling and analysis see below



Dr. Michael Pöttsch  
CEO, Pharmacist

## **Analytical details**

### **Sample description**

The container was received in good condition already labeled with a number assigned by the customer. The sample was received and stored at ambient temperature. A unique Swiss Drug Testing identification number was assigned and attached to the sample, which was used for further laboratory work and analyses.

### **Sampling and Analysis of Cannabinoids**

A portion of the sample was weighted, extracted into solvent, diluted and spiked with internal deuterated standards. Analysis was conducted using high performance liquid chromatography coupled to tandem mass spectrometry (UHPLC-MS/MS). Quantitation was performed using an external solvent calibration model with certified reference material for all compounds. The method was not validated for the matrices. Matrix effects might have effected the results. Accuracy of the method was assessed by internal quality control. Ratios of two mass transitions and chromatographic retention time assured identity of the compounds. The "total" concentrations of cannabinoid were calculated by applying the following factors: 0.877 for THCA; 0.877 for CBDA, 0.878 for CBGA and 0.876 for CBNA followed by summation with the decarboxylated form.

No part of the text or graphics may be reproduced without the prior written permission of the Swiss Drug Testing GmbH. This document, and all the information, images and intellectual property rights in it belong to the Swiss Drug Testing GmbH. With sending the sample to our lab, the customer accepted our terms of services, which are published on [www.swissdrugtesting.ch](http://www.swissdrugtesting.ch).