

IOCCP No.11...../08.01.2019

Protocol of analysis

Applicant: Dragonfly Biosciences Bulgaria

Subject of the test: Determination of CBD content in the examples provided

Product name: Premium Cannabis Oil CBD 3,3% N.S.

Batch number: 0312

CANNABINOIDS %		
CBDA	CBD	CBN
0.0025	3.7445	-
THCA and THC are not detectable		

Method of analysis in accordance with recommended practice of



UNODC

United Nations Office on Drugs and Crime

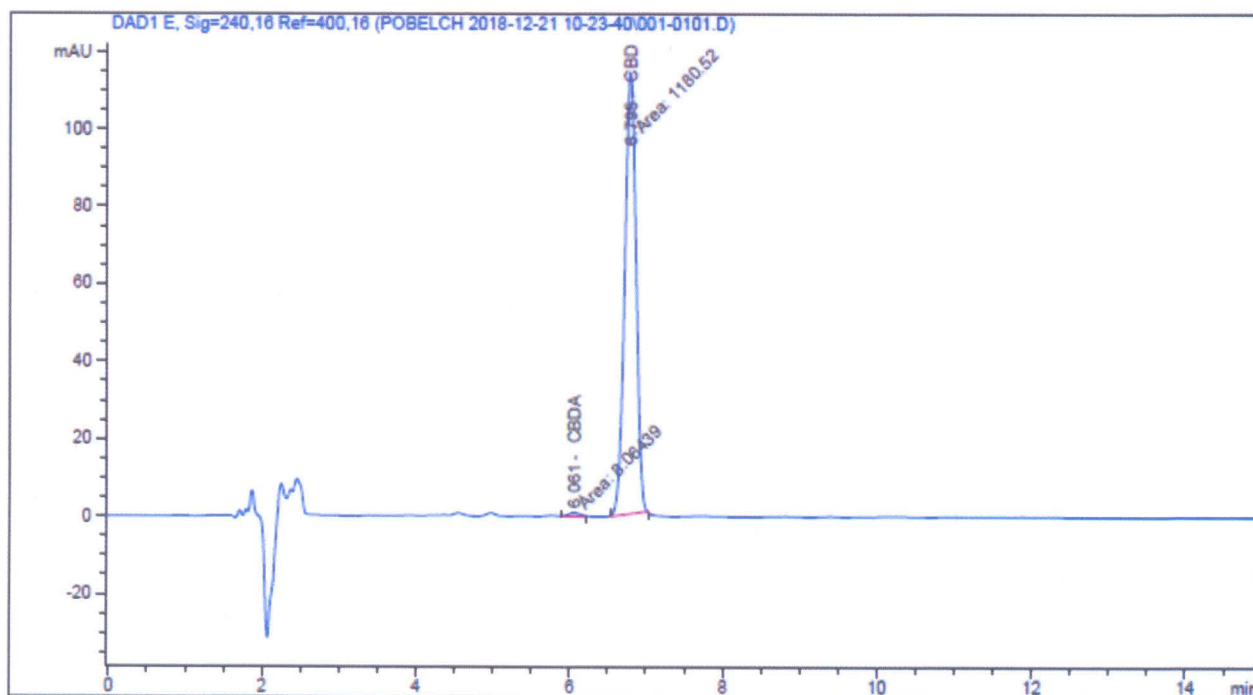
High Performance Liquid Chromatography (HPLC) analysis carried out strictly following the "Recommended methods for the identification and analysis of cannabis and cannabis products" by United Nations Office on Drug and Crime.

Method used: HPLC, column LiChrospher 60 RP-select B, 250x4mm (5 µm); pre-column 4x4mm RP-select B (5 µm).

Chromatograms and other data

Data File C:\CHEM32\1\DATA\POBELCH 2018-12-21 10-23-40\001-0101.D
Sample Name: 0312

```
=====
Acq. Operator   : YN                      Seq. Line :    1
Acq. Instrument : HPLC1                   Location  : Vial 1
Injection Date  : 21.12.2018 r. 10:25:04  Inj       :    1
                                           Inj Volume: 20 µl
Acq. Method    : C:\CHEM32\1\DATA\POBELCH 2018-12-21 10-23-40\POBELCH.M
Last changed   : 19.12.2018 r. 14:47:01 by YN
Analysis Method : C:\CHEM32\1\METHODS\POBELCH.M
Last changed   : 19.12.2018 r. 14:47:01 by YN
Method Info    : This is a test method
=====
```



External Standard Report


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Sorted By      : Signal
Calib. Data Modified : 01 February 2018 r. 11:46:33
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
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Signal 1: DAD1 E, Sig=240,16 Ref=400,16

RetTime [min]	Type	Area [mAU*s]	Amt/Area	Amount [mg/ml]	Grp	Name
6.061	MM	8.06439	6.27933e-6	8.06389e-5		CBDA
6.798	MM	1180.51965	6.30423e-5	7.44227e-2		CBD
9.913		-	-	-		CBN
10.200		-	-	-		THC
12.340		-	-	-		THCA

Totals : 7.44734e-2

Operator: 
(Asst. Prof. Dr. Mariana Kamenova-Nacheva)

Responsible scientist: 
(Prof. DSc. Vladimir Dimitrov)

Director of the Institute 
(Prof. DSc. Svetlana Simova)

