

IOCCP No. 329 / 20.03.2019

## Protocol of analysis

**Applicant:** Dragonfly Biosciences Bulgaria

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

**Product name:** 300 mg P.C.Oil CBD 3,3% N.S.

**Batch number:** 0503

CANNABINOIDS %		
CBDA	CBD	CBN
-	4.1539 %	-
THCA and THC are not detectable		

Method of analysis in accordance with recommended practice of



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\DF\_2019 2019-03-20 10-09-01\002-0201.D

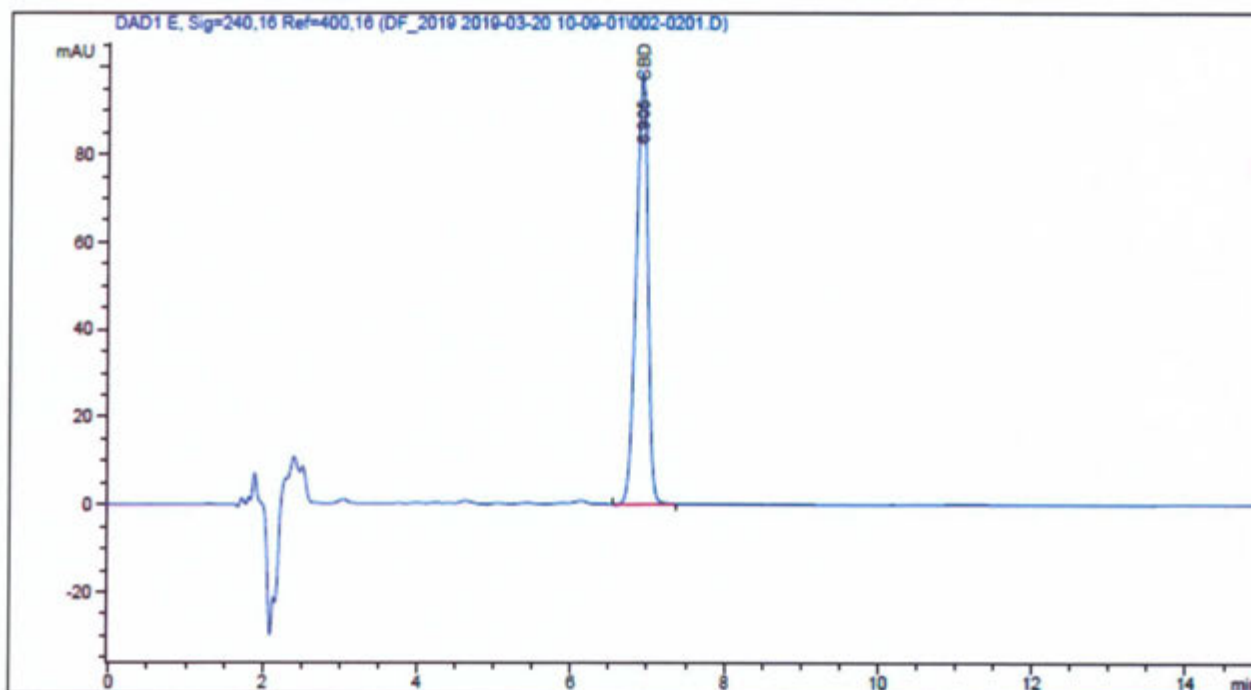
Sample Name: 0503

```

=====
Acq. Operator   : YN                               Seq. Line :    2
Acq. Instrument : HPLC1                             Location  : Vial 2
Injection Date  : 20.3.2019 r. 10:45:37             Inj       :    1
                                                    Inj Volume: 20 µl

Acq. Method     : C:\CHEM32\1\DATA\DF_2019 2019-03-20 10-09-01\DF_2019.M
Last changed    : 20.3.2019 r. 10:08:59 by YN
Analysis Method : C:\CHEM32\1\METHODS\DF_2019.M
Last changed    : 20.3.2019 r. 10:48:57 by YN
                : (modified after loading)
Method Info     : This is a test method
=====

```



External Standard Report

```

=====
Sorted By      : Signal
Calib. Data Modified : 20.3.2019 r. 10:49:01
Multiplier:    : 1.0000
Dilution:     : 1.0000
Use Multiplier & Dilution Factor with ISTDs
=====

```

Signal 1: DAD1 E, Sig=240,16 Ref=400,16


RetTime [min]	Type	Area [mAU*s]	Amt/Area	Amount [mg/ml]	Grp	Name
6.000	-	-	-	-	-	CBDA
6.906	BB	1059.51038	6.27288e-5	6.64618e-2	-	CBD
8.913	-	-	-	-	-	CBN

Totals : 6.64618e-2

Operator:

  
(Asst. Prof. Dr. Yana Nikolova)

Responsible scientist:

  
(Prof. DSc. Vladimir Dimitrov)

Director of the Institute

  
(Prof. DSc. Svetlana Simova)

