

IOCCP No. 327 / 19.03.2019

## Protocol of analysis

**Applicant:** Dragonfly Biosciences Bulgaria

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

**Product name:** 500 mg P.C.Oil CBD 5,6% N.S.

**Batch number:** 0603

### CANNABINOIDS %

**CBDA**

-

**CBD**

6.8727 %

**CBN**

-

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

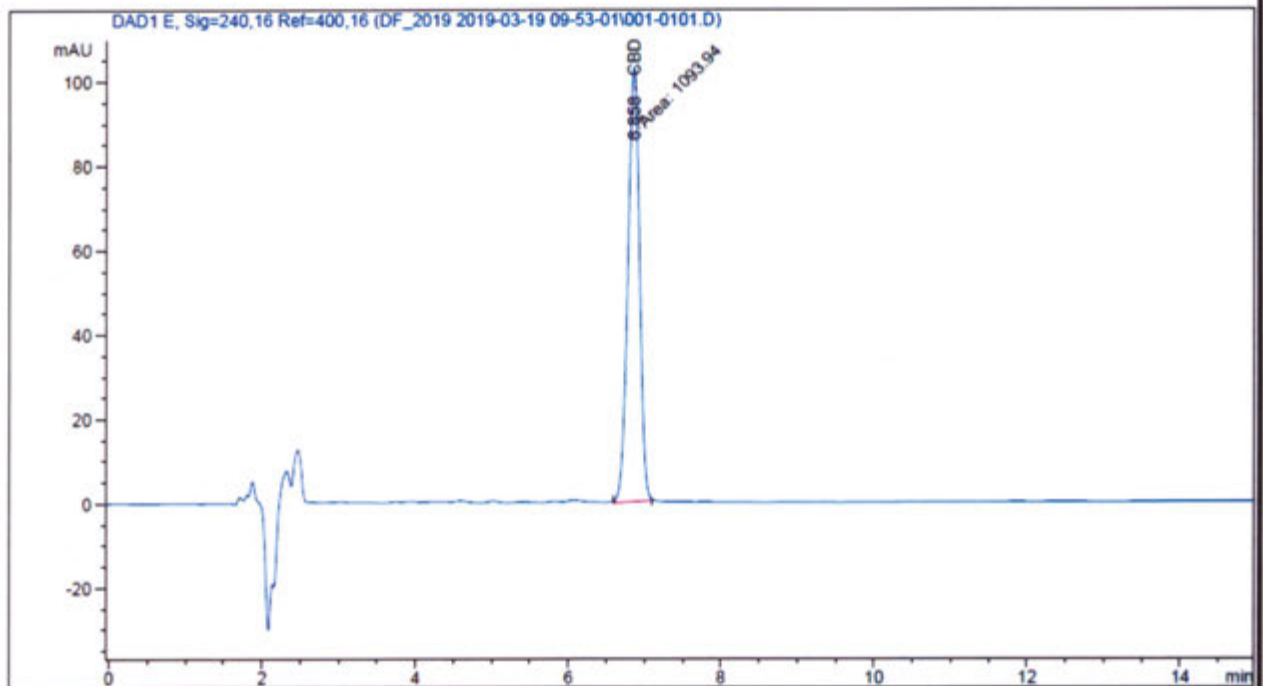
Data File C:\CHEM32\1\DATA\DF\_2019 2019-03-19 09-53-01\001-0101.D

Sample Name: 0603

```

=====
Acq. Operator   : YN                      Seq. Line :    1
Acq. Instrument : HPLC1                   Location  : Vial 1
Injection Date  : 19.3.2019 r. 09:54:27    Inj       :    1
                                           Inj Volume: 20 µl

Acq. Method     : C:\CHEM32\1\DATA\DF_2019 2019-03-19 09-53-01\DF_2019.M
Last changed    : 27.2.2019 r. 08:40:31 by YN
Analysis Method : C:\CHEM32\1\METHODS\DF_2019.M
Last changed    : 27.2.2019 r. 08:40:31 by YN
Method Info     : This is a test method
  
```



External Standard Report

```

Sorted By      : Signal
Calib. Data Modified : 10.1.2019 r. 10:56:45
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]	Ant/Area	Amount [mg/ml]	Grp	Name
6.000	-	-	-	-	-	CBDA
6.858	MM	1093.93872	6.28251e-5	6.87268e-2	-	CBD
8.913	-	-	-	-	-	CBN

Totals : 6.87268e-2

Operator:

  
(Asst. Prof. Krasimira Dikova)

Responsible scientist:

  
(Prof. DSc. Vladimir Dimitrov)

/ Director of the Institute

  
(Prof. DSc. Svetlana Simova)

