



ANALIZA BIAŁEK



100005201

## Laboratory of Analysis

**Client:** ep-company  
**Order number:** 100005201  
**Name:** EURO-PHARMACIES CIALIX  
**Number of samples:** 1 tablet

**Batch number:** EP1100  
**Recive date:** 2024-05-15  
**Start date:** 2024-06-19  
**End date:** 2024-06-26

## Sample identification

| Substance | Method of taking a sample   | Form                        |
|-----------|-----------------------------|-----------------------------|
| Tadalafil | Sample provided by customer | White tablets in string bag |

## Results

| Substance | Sample name                 | Content     | Purity |
|-----------|-----------------------------|-------------|--------|
| Tadalafil | EURO-PHARMACIES CIALIX 20MG | 19,69mg/tab | -----  |

## Research comment

The test sample was applied in the amount of 3  $\mu$ l to the BioBasic 8 Thermo Scientific column. During the analysis with the method a linear gradient in the solutions of H<sub>2</sub>O and Acetonitrile with the addition of 0.1% trifluoroacetic acid, a peak of the sought substance appeared. Its concentration, when compared to the reference chromatogram, is 19,69mg/tab. The measurement error is  $\pm$  0,05mg. The actual state of the sample sent before the test is presented on the photo below

## Photo of the test sample



**Password**

N73DB82D

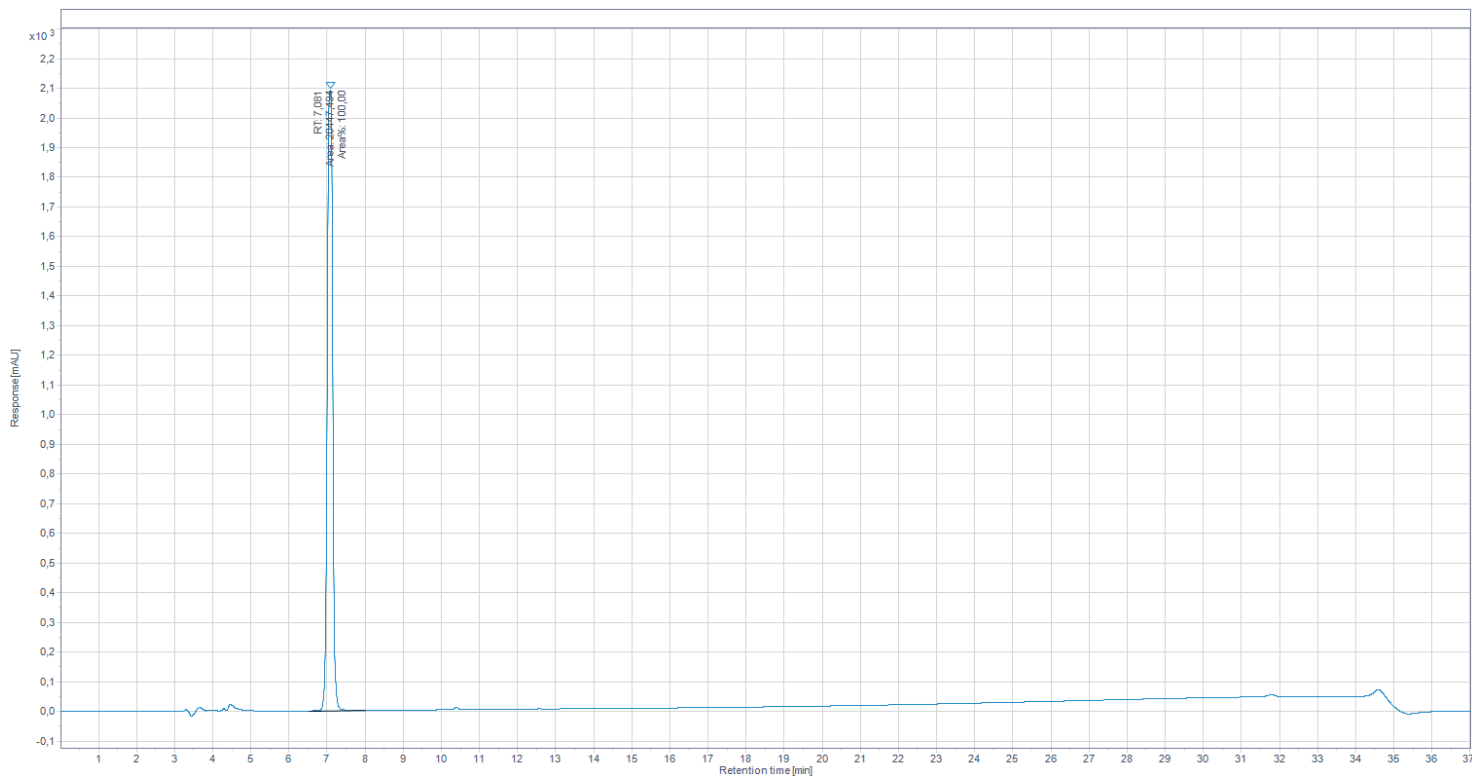
**Analiza Białek sp. z o.o.**  
**KRS:** 0000966168  
**NIP:** 8992922970  
**REGON:** 521751875

**Headquarters and Laboratory:**  
ul. Duńska 9, 54-427 Wrocław  
Budynek DELTA

**Lab technician:**  
Analysis and research specialist  
mgr Arkadiusz Zajęc



## Chromatogram



## Method

| Time  | H2O + 0,1% TFA | ACN + 0,1% TFA |
|-------|----------------|----------------|
| 0min  | 60%            | 40%            |
| 2min  | 60%            | 40%            |
| 27min | 5%             | 95%            |
| 30min | 5%             | 95%            |

## Password

N73DB82D