



100008252

## **Laboratory of Analysis**

Client: Hepius Shop Order number: 100008252 Name: TIRZEPATIDE Number of samples: 1 vial Batch number: -----Recived date: 2025-05-22 Start date: 2025-05-27 End date: 2025-05-28

## Sample identification

| Substance   | Method of taking a sample                                    | Form |
|-------------|--|------|
| Tirzepatide | Tirzepatide Sample provided by customer White powder in glas |      |

#### **Results**

| Substance   | Sample name     | Content | Purity |
|-------------|-----------------|---------|--------|
| Tirzepatide | TIRZEPATIDE 5MG | 5,76mg  | 98%    |

### **Research comment**

The test sample was applied in the amount of 3  $\mu$ l to the BioBasic 8 Thermo Scientific column. During the course of the analysis with the method a linear gradient in the solutions of H20 and Acetonitrile with the addition of 0.1% trifuluoroacetic acid, a peak of the sought substance appeared. Its content, when compared to the reference chromatogram, is 5,76mg. Height the measurement error is + - 0,05mg. The actual state of the sample sent before the test is presented on the photo below

Photo of the test sample



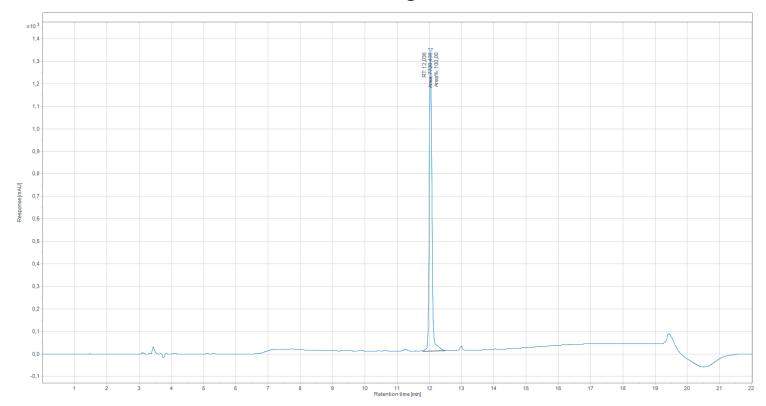
Password R4M2K8W2





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# Chromatogram



## Method

| Time  | H2O + 0,1% TFA | ACN + 0,1% TFA |
|-------|----------------|----------------|
| 0min  | 60%            | 40%            |
| 2min  | 60%            | 40%            |
| 12min | 5%             | 95%            |
| 15min | 5%             | 95%            |

**Password** 

R4M2K8W2