



ANALIZA BIAŁEK



100009431

## Laboratory of Analysis

**Client:** EMPEROR  
**Order number:** 100009431  
**Name:** EMPEROR SOMATROPIN rDNA  
**Number of samples:** 1 vial

**Batch number:** -----  
**Receive date:** 2025-08-22  
**Start date:** 2025-09-10  
**End date:** 2025-09-12

### Sample identification

Substance	Method of taking a sample	Form
hGH	Sample provided by customer	White powder in a glass vial

### Results

Substance	Sample name	Content	Purity
hGH	EMPEROR SOMATROPIN rDNA 3,33MG / 10 I.U.	3,80mg (11,41 I.U.)	99%

### 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 H<sub>2</sub>O and Acetonitrile with the addition of 0.1% trifluoroacetic acid, a peak of the sought substance appeared. Its content, when compared to the reference chromatogram, is 3,80mg. 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

Y6N38S9D

**Analiza Bialek 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 Zająć

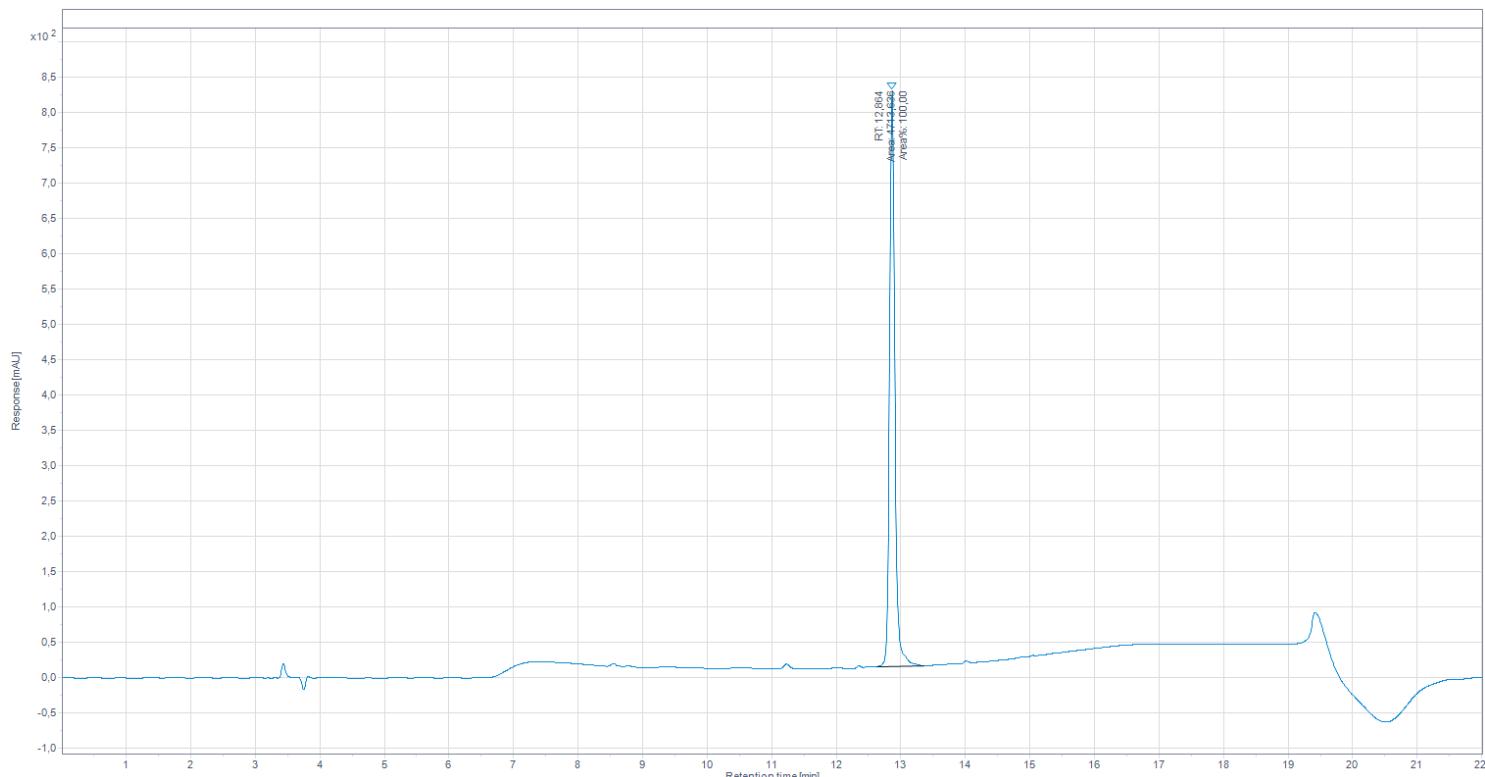


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## Chromatogram



## Method

Time	H <sub>2</sub> O + 0,1% TFA	ACN + 0,1% TFA
0min	95%	5%
2min	95%	5%
12min	5%	95%
15min	5%	95%

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