ANALIZA BIAŁEK

Scan for verify

100019949

# Laboratory of Analysis

**Client:** The Peptide Desk
**Order number:** 100019949
**Name:** THE PEPTIDE DESK SEMAX
**Number of samples:** 1 vial

**Batch number:** ------
**Receive date:** 2026-11-02
**Start date:** 2026-11-05
**End date:** 2026-11-11

## Sample identification

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

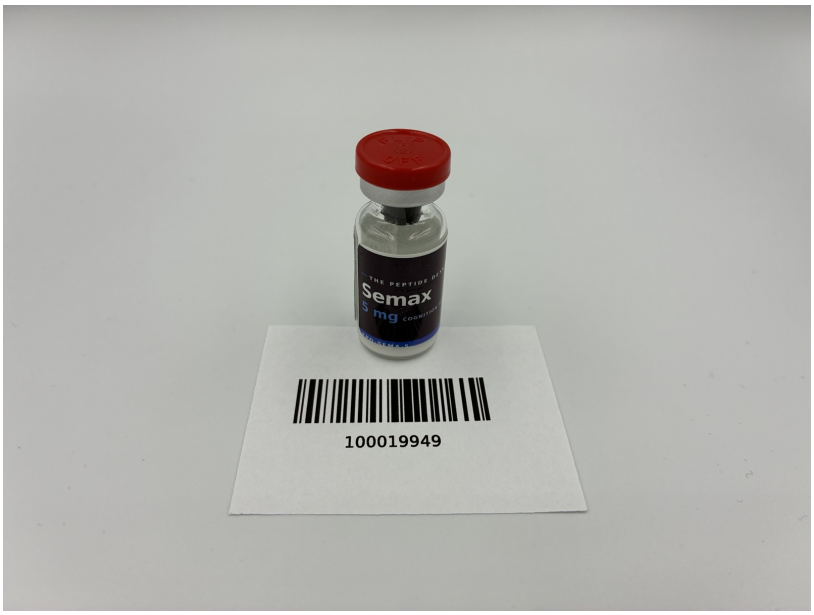
## Results

| Substance | Sample name | Content | Purity |
|---|---|---|---|
| Semax | THE PEPTIDE DESK SEMAX 5MG | 4,87mg | 99% |
| Molecular Mass | THE PEPTIDE DESK SEMAX 5MG | 813,93m/z | ------ |
| Endotoxin Level | THE PEPTIDE DESK SEMAX 5MG | 4,39EU/vial | ------ |

## Research comment

The test sample was applied in the amount of 3µl to the BioBasic 8 Thermo Scientific column. During the course of the analysis with the method a linear gradient in the solutions of H2O 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 4,87mg. 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**

9ENW3VGL

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

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

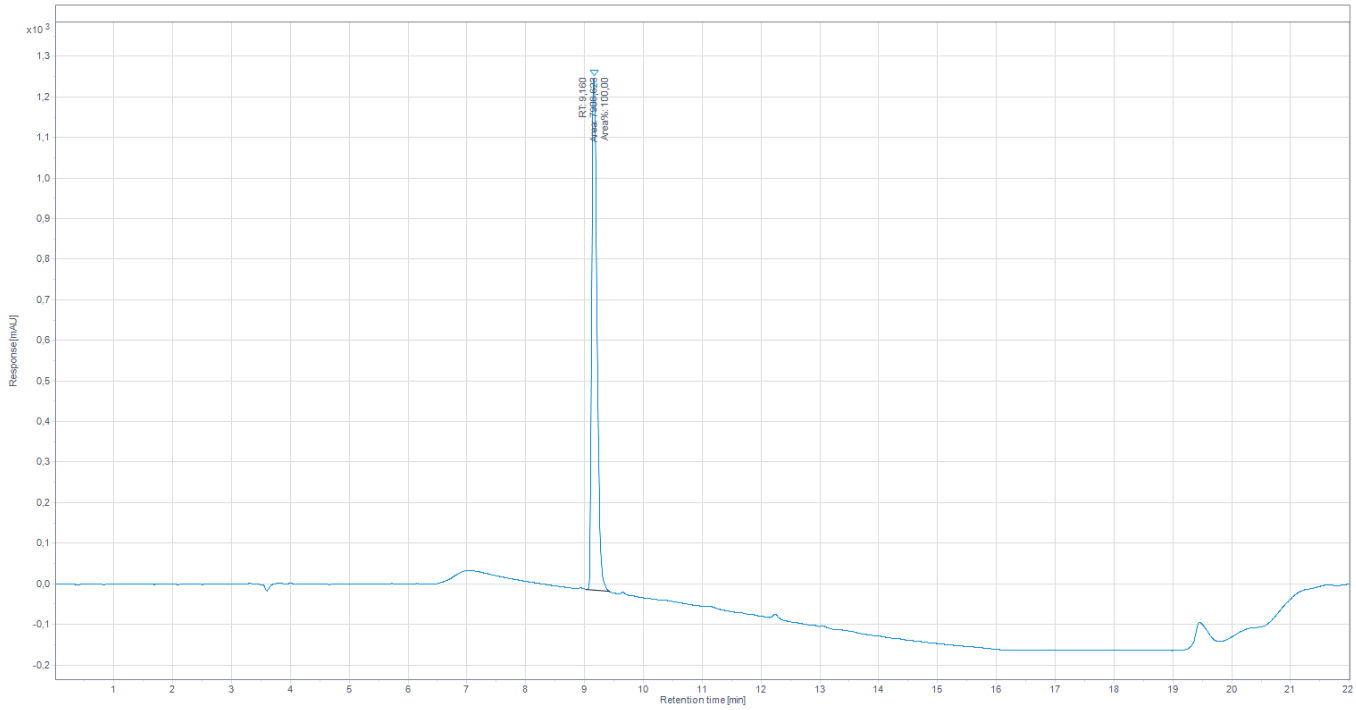
**Lab technician:**
Analysis and research specialist
mgr Arkadiusz Zając

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# Chromatogram




# Method

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

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