ANALIZA BIAŁEK

Scan for verify

100015638

# Laboratory of Analysis

**Client:** Peplabs
**Order number:** 100015638
**Name:** PEPLABS MOTS-C
**Number of samples:** 1 vial

**Batch number:** ------
**Receive date:** 2026-06-23
**Start date:** 2026-06-26
**End date:** 2026-07-01

## Sample identification

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

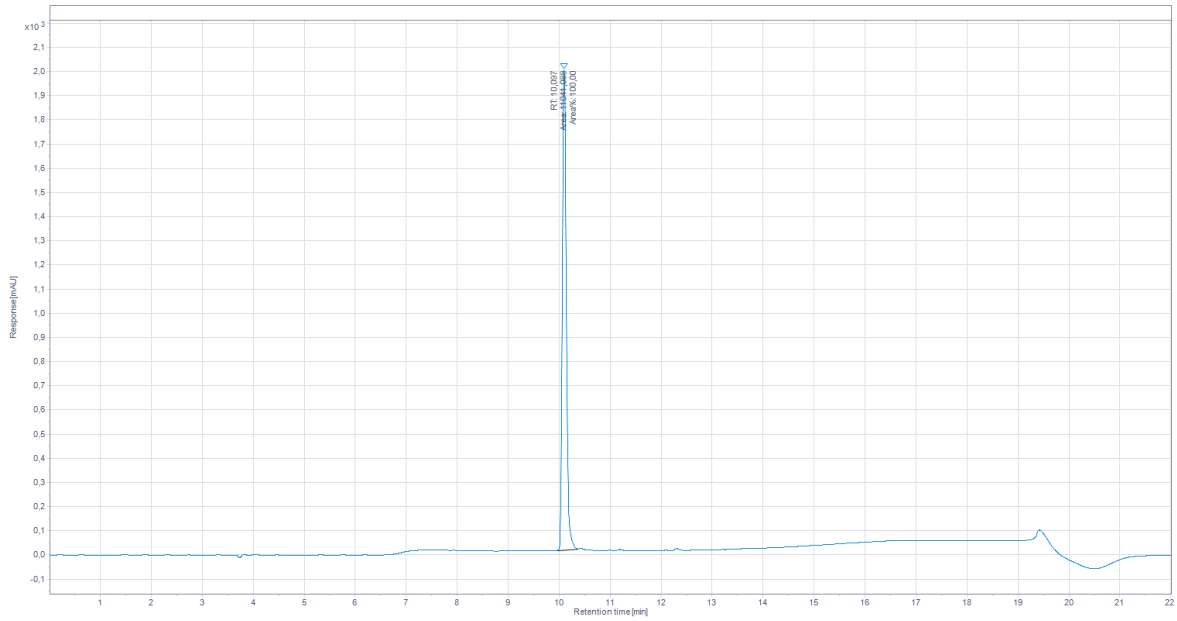
## Results

| Substance | Sample name | Content | Purity |
|---|---|---|---|
| MOTS-c | PEPLABS MOTS-C 40MG | 39,87mg | 99% |
| Endotoxin Level | PEPLABS MOTS-C 40MG | 6,51EU/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 39,87mg. Height the measurement error is +-0,05mg.

## Chromatogram




**Password**

AO4H3WJR

**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

ANALIZA BIAŁEK

Scan for verify

100015638

## Method

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

**Password**

AO4H3WJR

**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