



## Laboratory of Analysis

**Client:** Madsen Akademie  
**Order number:** 100012481  
**Name:** 1  
**Number of samples:** 1 vial

**Batch number:** -----  
**Receive date:** 2026-02-09  
**Start date:** 2026-02-23  
**Enda date:** 2026-02-27

### 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    | 1           | 10,18mg | 99%    |

### 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 10,18mg. 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

