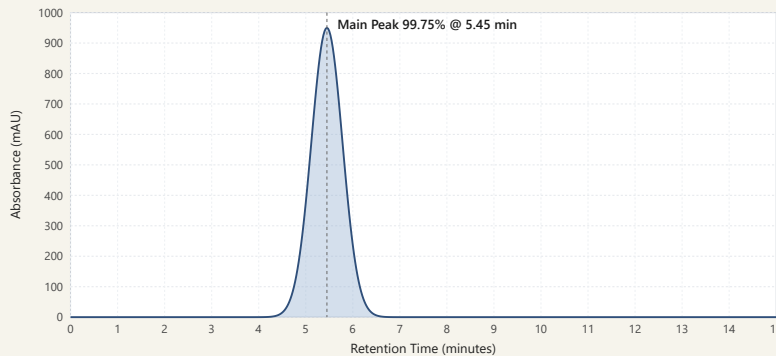


CERTIFICATE OF ANALYSIS

HPLC Purity Test – MOTS-c (mitochondrial-derived peptide), Batch: M7392

BATCH VERIFICATION

| | |
|---------------------|--------------|
| BATCH | M7392 |
| Date | 12.04.2026 |
| Purity | 99.75% HPLC |
| Heavy Metals | Non-detected |
| Size | 40mg |



TECHNICAL PROPERTIES

| Property | Details |
|---------------------------|--|
| Product | MOTS-c (mitochondrial-derived peptide) |
| Identifiers | CAS 1627580-64-6 |
| Molecular Formula | $C_{101}H_{152}N_{28}O_{22}S_2$ |
| Molecular Weight | 2174.5 g/mol |
| Storage | -20°C = 2–3 Years, 4°C = up to 3 Months, 25°C = 2–4 Weeks. In Solvent: -80°C = 6 Months, -20°C = 1 Month, 2–8°C = 1 Week (use bacteriostatic water; aliquot and avoid repeated freeze-thaw) |
| Chemical Structure | Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg |

TEST RESULTS

| Test Item | Specification | Method | Result |
|-----------------------|---------------------------------------|--------|----------|
| Appearance | White to off-white lyophilized powder | Visual | Conforms |
| Purity (HPLC) | ≥99% | HPLC | 99.75% |
| TFA Content | < 0.50% | NMR | Conforms |
| Identification | Consistent with reference | MS/NMR | Pass |

Certified by:

R. Goldman

Assurance Date: 12/04/2026

This Certificate of Analysis confirms the testing performed on the batch identified above. The product was manufactured in Europe and tested in collaboration with Analiza Białek Analytical Laboratory, with all analyses conducted in accordance with validated HPLC and NMR methods. These results pertain exclusively to this batch and have been reviewed and verified by the Nexyra Lab Quality Control Department.