

SAMPLE RECEIVED  
August 11, 2026COA ISSUED  
August 28, 2026

## SAMPLE INFORMATION

Vendor  
**American Peptides**Sample Name  
**MOTS-c 40mg**Sample Type  
**White lyophilized powder**Lot Number  
**MOTS40-0803**MW (g/mol)  
**2174.6**

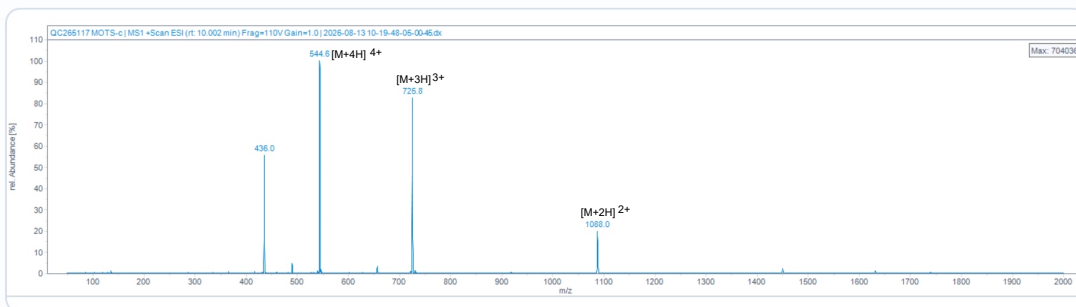
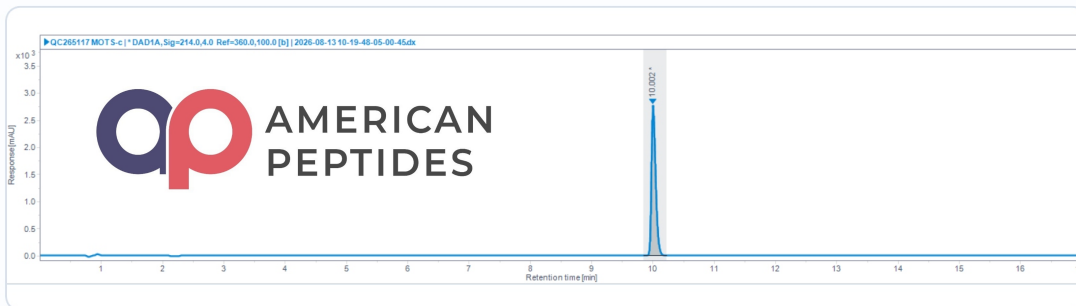
## ANALYTICAL METHODS

**Identity:** Confirmed via LC-MS/MS**Purity:** RP-HPLC (214 nm)**Content:** HPLC quantitation

## TEST RESULTS

| Specification    | Result       | Method            | Status     |
|------------------|--------------|-------------------|------------|
| Identity: MOTS-c | MOTS-c       | LC-MS/MS          | ✓ Conforms |
| Content          | 40.51 mg     | HPLC Quantitation | ✓ Conforms |
| Overall Purity   | 99.88%       | RP-HPLC (214 nm)  | ✓ Conforms |
| Endotoxin        | <0.05 EU/ml  | <USP85>           | ✓ Conforms |
| Heavy Metals     | <0.01 ppm    | <USP232>          | ✓ Conforms |
| Sterility        | Not Detected | <USP71>           | ✓ Conforms |

## HPLC Chromatogram · Retention Time 10.002 min

**Certification:** This Certificate of Analysis confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.Verify authenticity at [bioviridians.com/coa-search.html](https://bioviridians.com/coa-search.html) using the Web Verification Code above.

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