# BIOVIRIDIAN

Excellence in HPLC-MS Analysis

# CERTIFICATE OF ANALYSIS

Sample Received: **January 12, 2026** COA Issued: **February 17, 2026**

## PRODUCT INFORMATION

Vendor: **Bionic Labs**

Sample Name: **MOTS-c**

Sample Type: **White lyophilized powder**

Batch Number: **26095**

MW: **2174.6 g/mol**

## ANALYTICAL METHODS

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

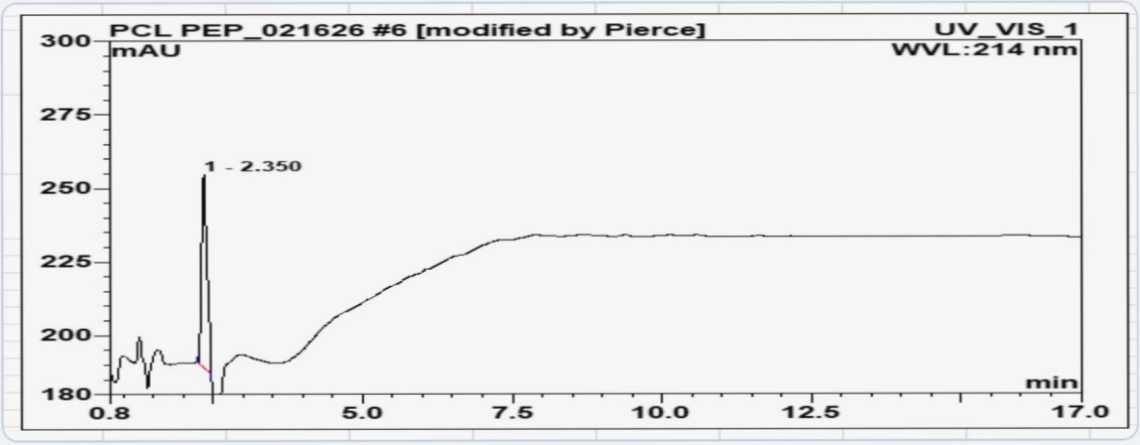
## TEST RESULTS

| Specification | Result | Method | Status |
|---|---|---|---|
| **Identity: MOTS-c** | **MOTS-c** | **MALDI-MS** | ✓ Conforms |
| Content | **11.38 mg** | HPLC Quantitation | ✓ Conforms |
| Overall Purity | **99.5%** | RP-HPLC (214 nm) | ✓ Conforms |

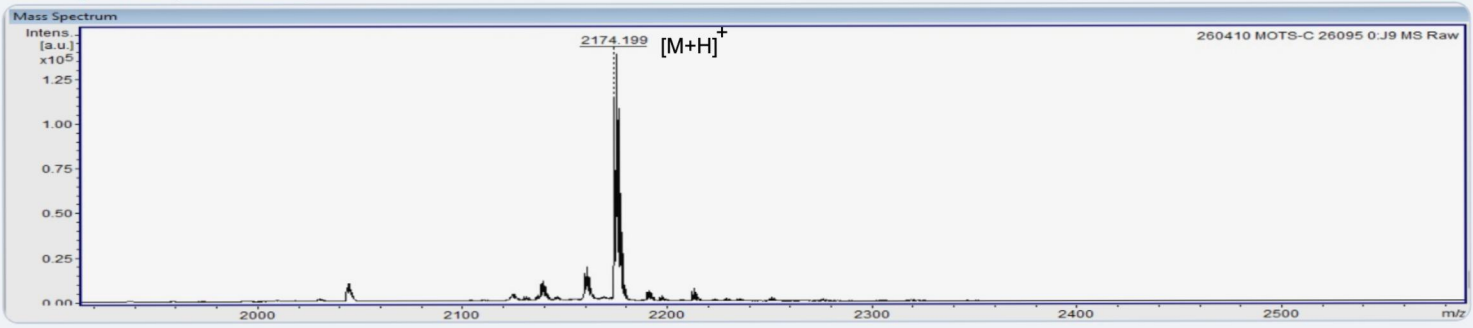
## ANALYTICAL DATA

**HPLC Chromatogram (Retention Time: 2.350 min)**




**Mass Spectrum (MALDI-MS)**




**Certification:** This COA confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.

Shane Straight

**Shane Straight, M.S.**
Principal Chemist, Bioviridian Inc.