Vanguard ANALYTICAL

# CERTIFICATE OF ANALYSIS

VA-26-004806

ISSUED TO

## Northwind Research Supply

PRODUCT

## MOTS-C

Lyophilized vial, 10 mg

| MASTER LOT | MANUFACTURED | TESTED | COA ISSUED |
|---|---|---|---|
| V261012-1 | Oct 1, 2026 | Oct 12, 2026 | Oct 14, 2026 |

TESTS ON THIS CERTIFICATE: ENDOTOXIN + HPLC-MS

| TEST | METHOD | SPECIFICATION | RESULT | |
|---|---|---|---|---|
| **Purity** | HPLC-MS, 220 nm | >= 98.0% | 99.15% | PASS |
| **Identity** | HPLC-MS (ESI+) | 2174.6 Da +/- 1.0 Da | 2174.4 Da | PASS |
| **Net content** | HPLC-MS vs. reference standard | Report (mg/vial) | 10.22 mg/vial | PASS |
| **Endotoxin** | LAL, kinetic chromogenic | Report (EU/mL) | 0.6 EU/mL | PASS |
| **Appearance** | Visual | White lyophilized powder | Conforms | PASS |

| ENTERED BY | REVIEWED BY | APPROVED BY |
|---|---|---|
| A. Kim | S. Patel | Dr. M. Reyes |

### Verify this certificate

Scan the code or search the COA ID at

demo.vanguardanalytical.com/verify/VA-26-004806

From master batch V261012-1, tested Oct 12, 2026, issued to Northwind Research Supply.

Results apply only to the material in the batch tested. This certificate may not be altered.