Horizon Analytical

# Certificate of Analysis

Lot Number: RP-7058391-P
Client Name: Raw Peptides
Identity: Raw Peptides

Received Date: 05/21/2026
Analysis Conducted: 05/16/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | MOTS-c |
| Lot: | RP-7058391-P |
| Appearance: | White Lyophilized Powder |

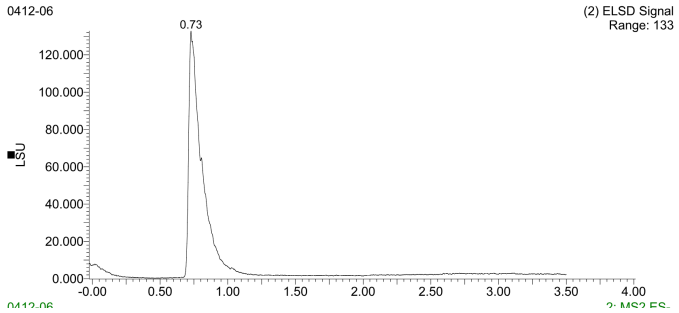
| | |
|---|---|
| CAS: | 1627580-64-6 |
| Formula: | $C_{101}H_{152}N_{28}O_{22}S_2$ |
| Mol Weight: | ~2174.64 g/mol |

Pubchem CID: 255386757

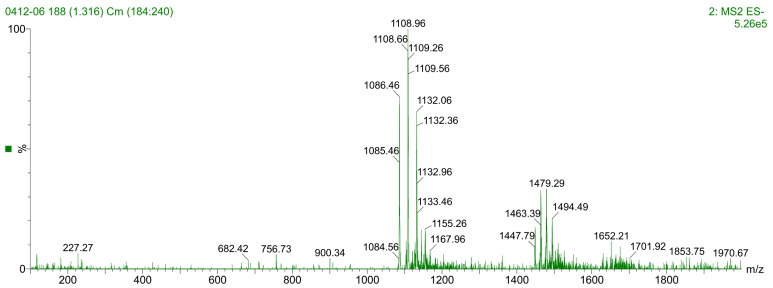
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | MOTS-c | MOTS-c | |
| Quantity: | 10mg | 10.1mg | |
| Purity: | >98% | 99.58% | |

UPLC




MS





**Aleksey Yevtodiyenko PhD**
Research and Formulation Chemist


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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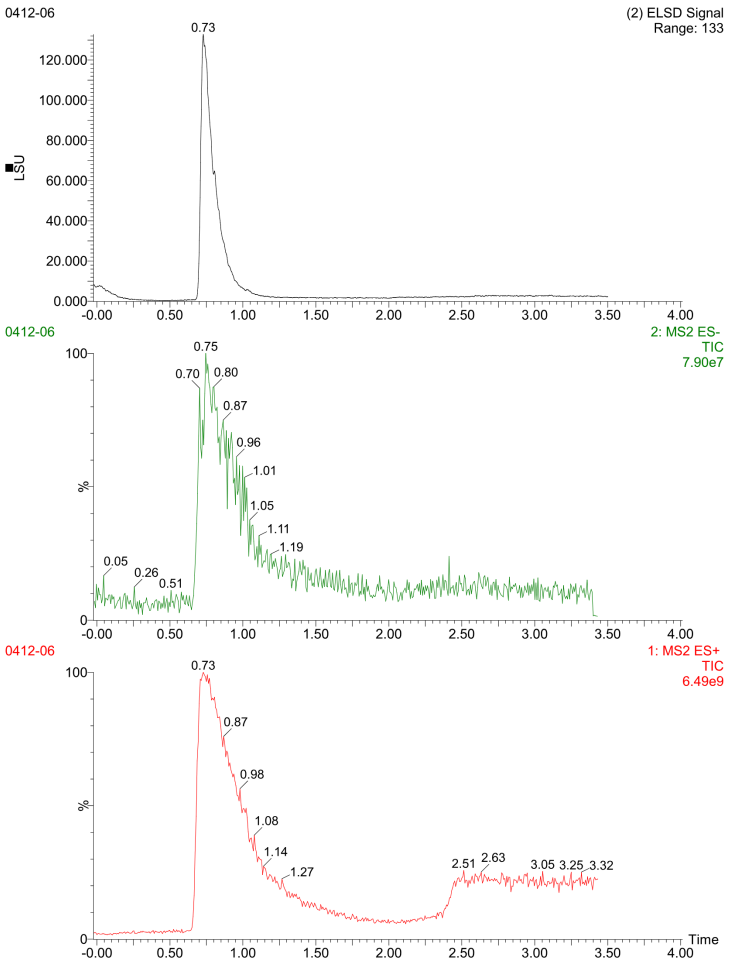
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MOTS-c (10mg) • Pubchem CID: 255386757

Ultra High Performance Liquid Chromatography (UPLC)




## Mass Spectrometry (MS)

