

Lot Number: **DPS-3262852**  
 Brand / Distributed by: **Biopunk Labs LLC**  
 Identity: **Biopunkpeptides.com**

Analysis Date: **08/20/2026**  
 Searchable via: **horizonanalytical.com**

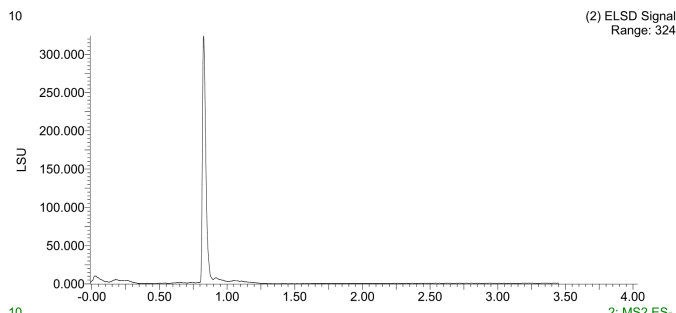
|                |                          |
|----------------|--------------------------|
| Compound:      | MOTS-c                   |
| Report Number: | 1025292                  |
| Appearance:    | White Lyophilized Powder |

|             |                                                                                  |
|-------------|----------------------------------------------------------------------------------|
| CAS:        | 1627580-64-6                                                                     |
| Formula:    | C <sub>101</sub> H <sub>152</sub> N <sub>28</sub> O <sub>22</sub> S <sub>2</sub> |
| Mol Weight: | ~2174.64 g/mol                                                                   |

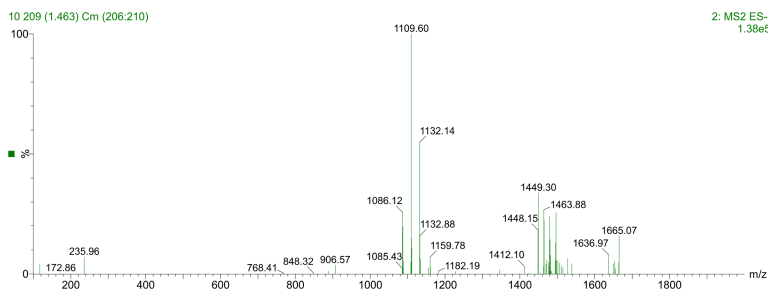
Pubchem CID: 255386757

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          | 9.76mg |                                                                                     |
| Purity:        | >98%          | 99.46% |                                                                                     |



UPLC



MS

**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

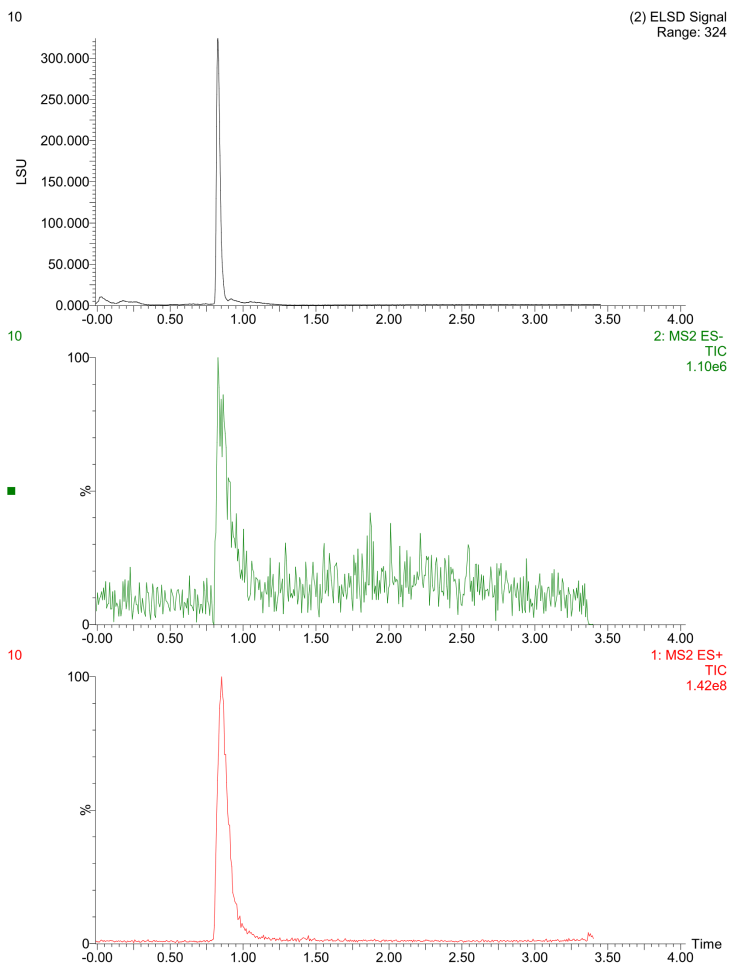


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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MOTS-c (10mg) • Pubchem CID: 255386757  
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

