

Lot Number: TL-6063329  
 Client Name: Trident Labs  
 Identity: www.usetridentlabs.com


Received Date: 04/06/2026  
 Analysis Conducted: 04/12/2026  
 Searchable via: horizonanalytical.com

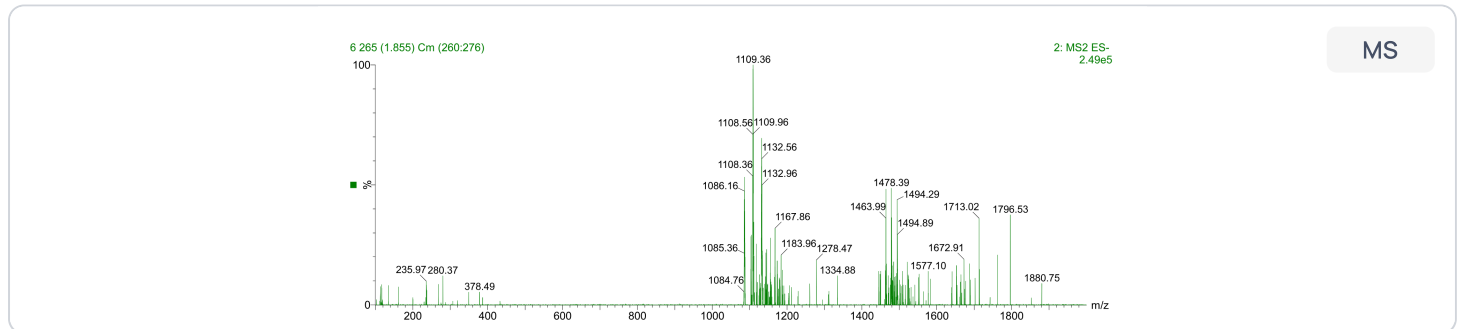
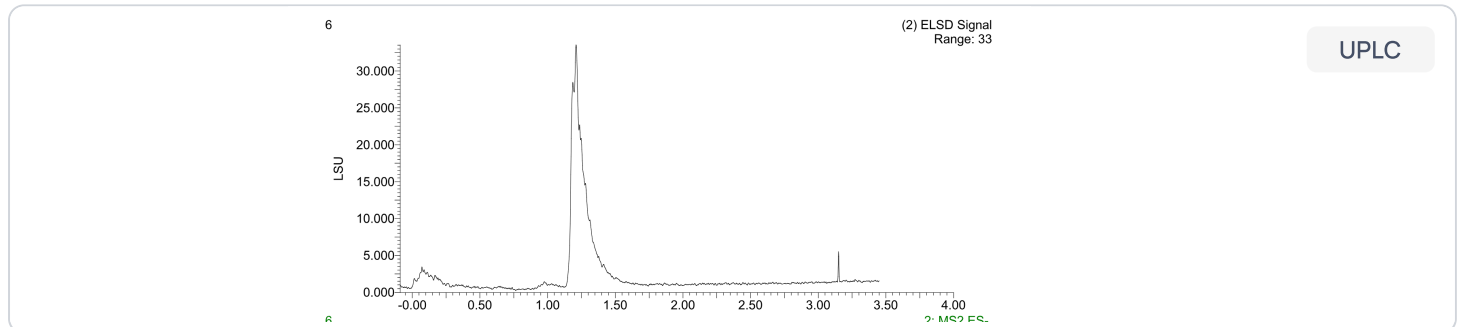
|             |                          |
|-------------|--------------------------|
| Compound:   | MOTS-c                   |
| Lot:        | TL-6063329               |
| Appearance: | White Lyophilized Powder |

|             |  |
|-------------|--|
| 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          | 10.21mg |   |
| Purity:        | >98%          | 99.24%  |   |



Aleksey Yevtodiyyenko PhD  
 Research and Formulation Chemist

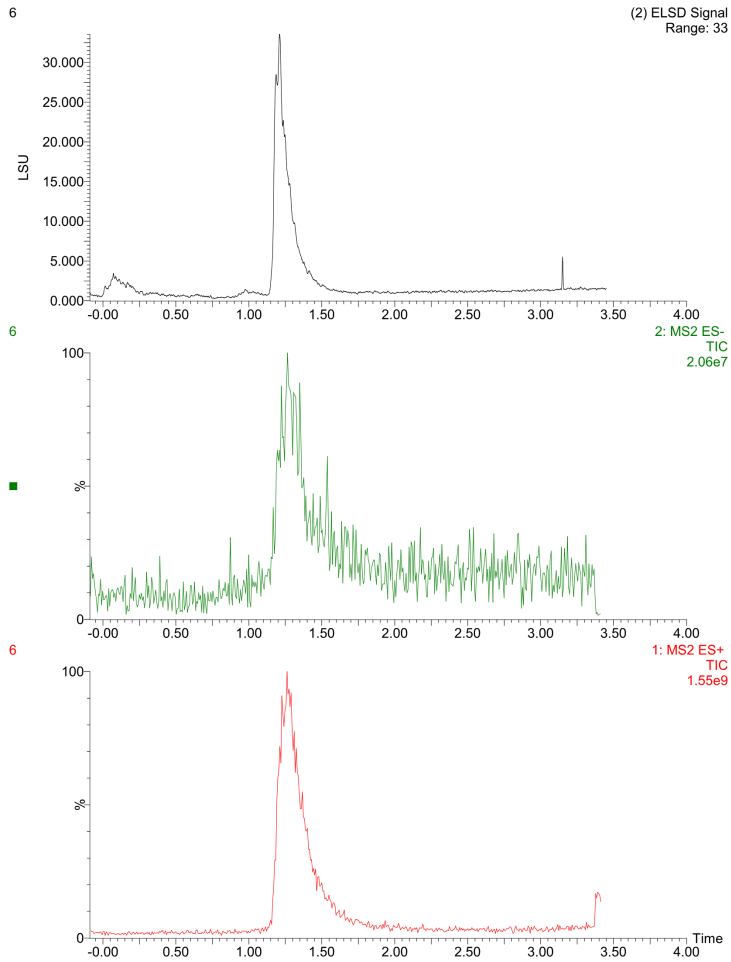


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: TL-6063329  
Client Name: Trident Labs  
Identity: www.usetridentlabs.com

Received Date: 04/06/2026  
Analysis Conducted: 04/12/2026  
Searchable via: horizonanalytical.com

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



Mass Spectrometry (MS)

