

Lot Number: **NB-8553761**  
 Client Name: **Newbridge Peptides**  
 Identity: **<https://newbridgepeptides.com>**


Received Date: **03/15/2026**  
 Analysis Conducted: **03/22/2026**  
 Searchable via: **[horizonanalytical.com](https://horizonanalytical.com)**

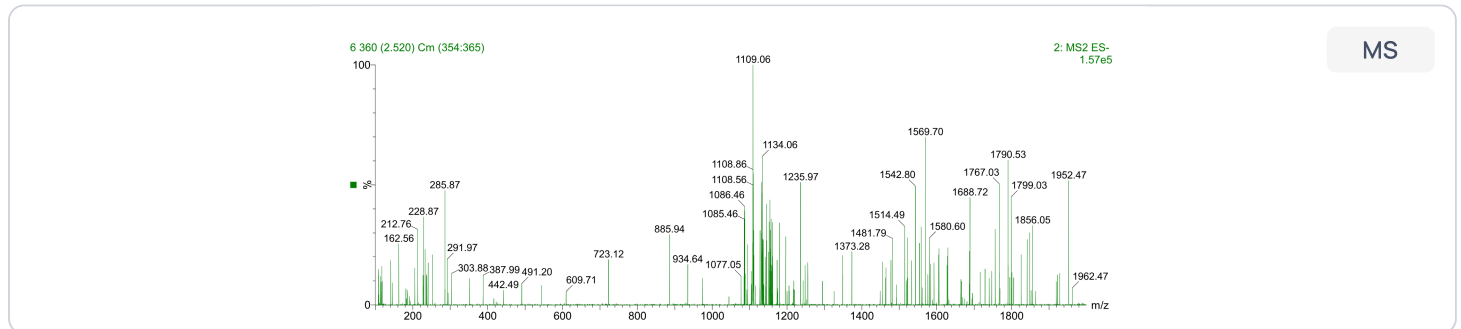
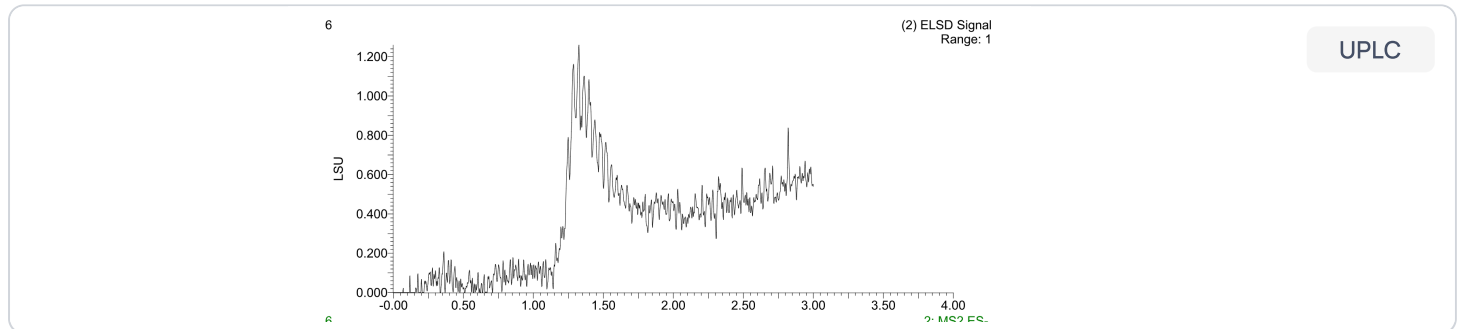
<b>Compound:</b>	MOTS-c
<b>Lot:</b>	NB-8553761
<b>Appearance:</b>	White Lyophilized Powder

<b>CAS:</b>	1627580-64-6
<b>Formula:</b>	C <sub>101</sub> H <sub>152</sub> N <sub>28</sub> O <sub>22</sub> S <sub>2</sub>
<b>Mol Weight:</b>	~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	10.35mg	
Purity:	>98%	99.28%	



**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

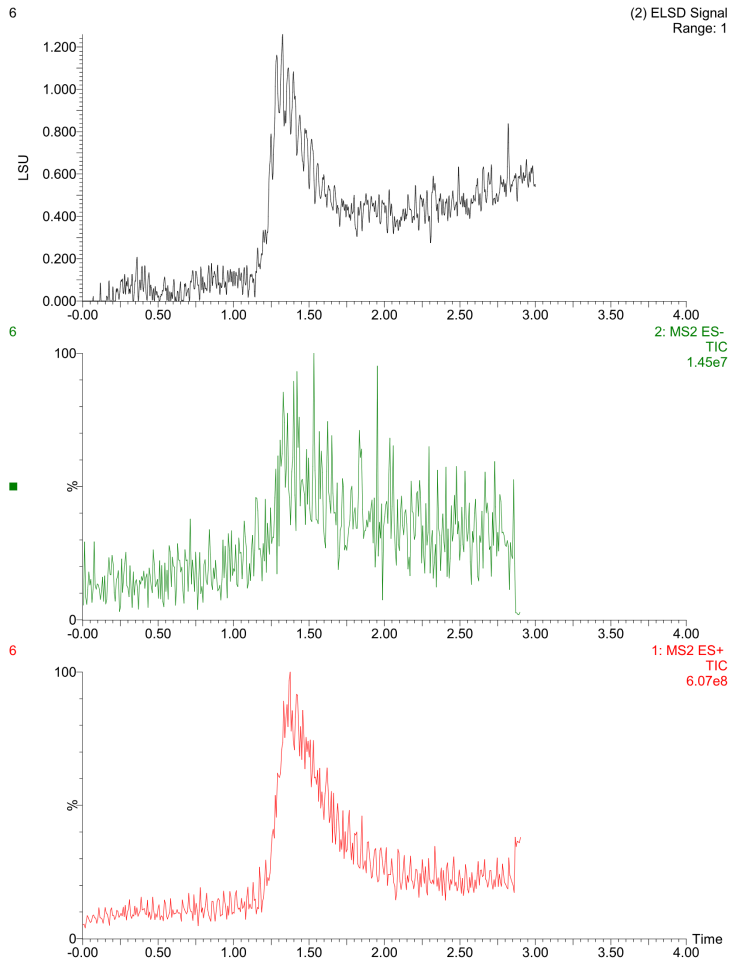


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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



Mass Spectrometry (MS)

