vanguard analytical

Certificate of Analysis

Lot Number: MOTS-7357
Client Name: Source Peptides
Identity: https://www.sourcepeptides.co/

Received Date: 9/3/2026
Analysis Conducted: 9/6/2026

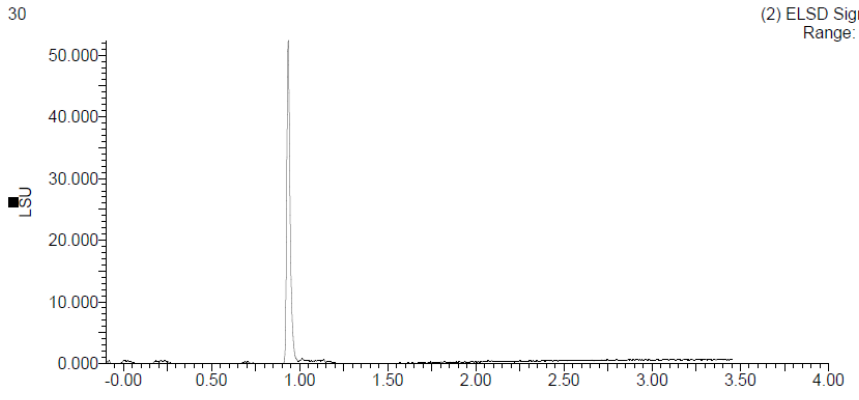
Compound:	**MOTS-c**
Lot:	**MOTS-7357**
Appearance:	**White Lyophilized Powder**

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

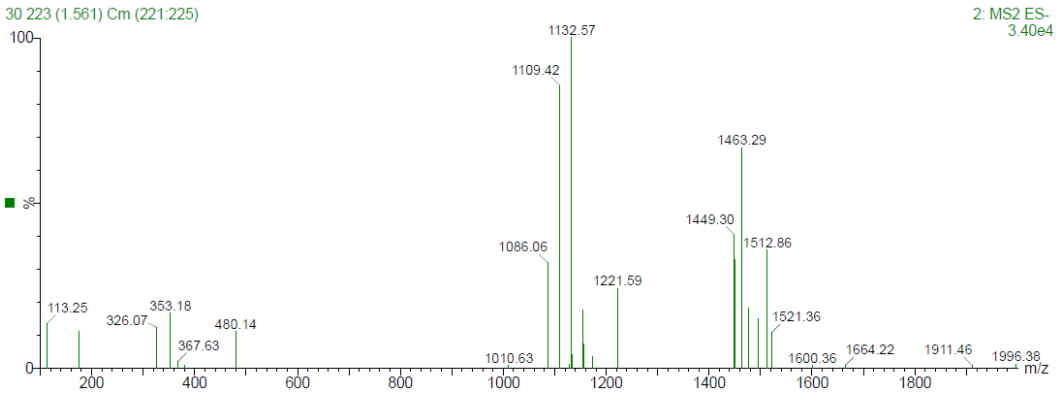
PubChem CID: 255386757

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

	Specifications	Result	Scan to Validate
Compound Test:	**MOTS-c**	**MOTS-c**	
Quantity:	**10mg**	**10.21mg**	
Purity:	**>98%**	**99.43%**	



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.