

Lot Number: **ASTR-63548**
 Client Name: **Astra Peptides**
 Identity: **<https://astrapeptides.com>**

Lab Received Date: **01/05/2026**
 Analysis Conducted: **01/09/2026**
 Searchable via: **horizonanalytical.com**

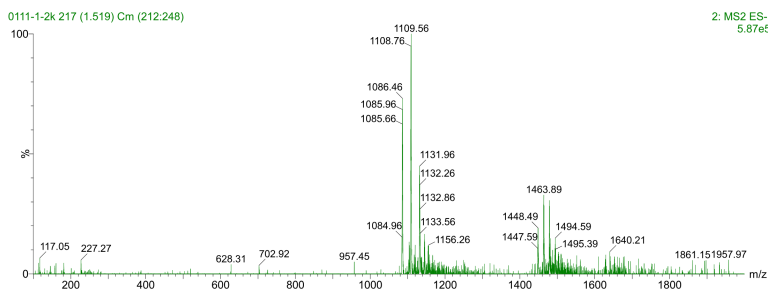
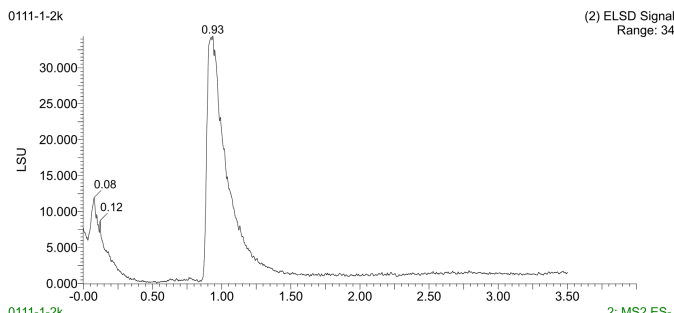
Compound:	MOTS-c
Report Number:	1000432
Appearance:	White Lyophilized Powder

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	9.98mg	
Purity:	>98%	99.48%	



Aleksey Yevtodiyyenko PhD
Research and Formulation Chemist

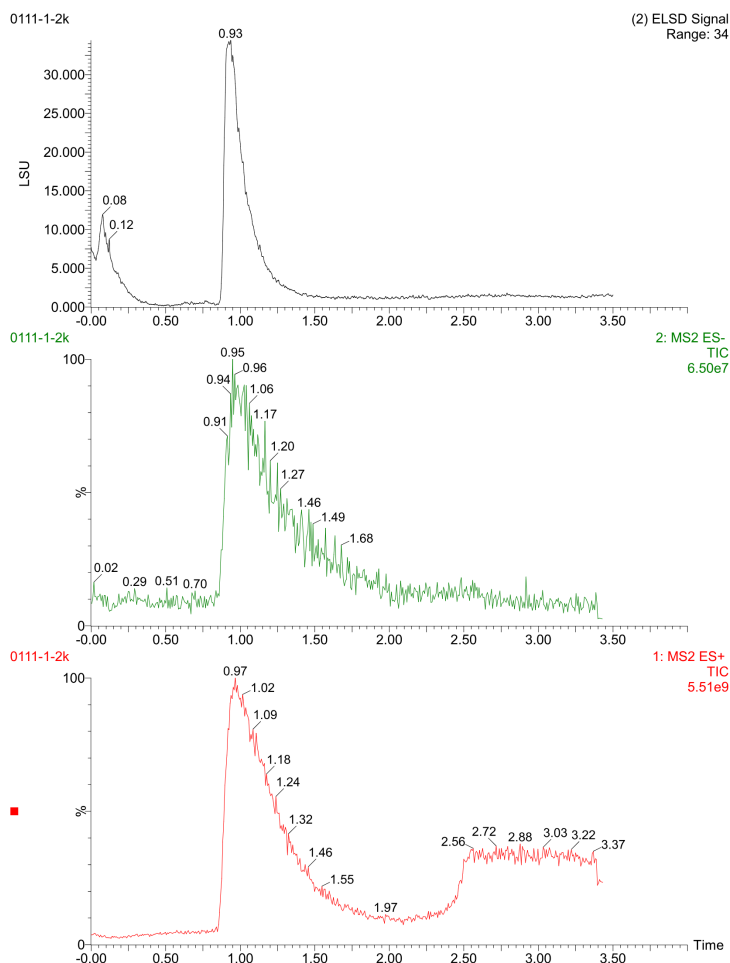


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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



Mass Spectrometry (MS)

