

Lot Number: **PPL-4825741-P**
 Client Name: **Pinnacle Peptide Labs**
 Identity: **pinnaclepeptidelabs.com**

Lab Received Date: **06/21/2026**
 Analysis Conducted: **06/25/2026**
 Searchable via: **horizonanalytical.com**

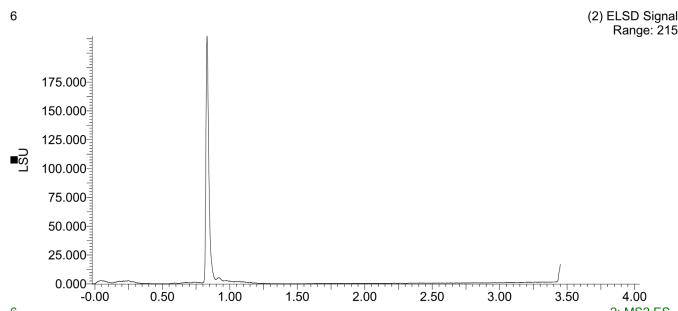
Compound:	MOTS-c
Report Number:	1017123
Appearance:	White Lyophilized Powder

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

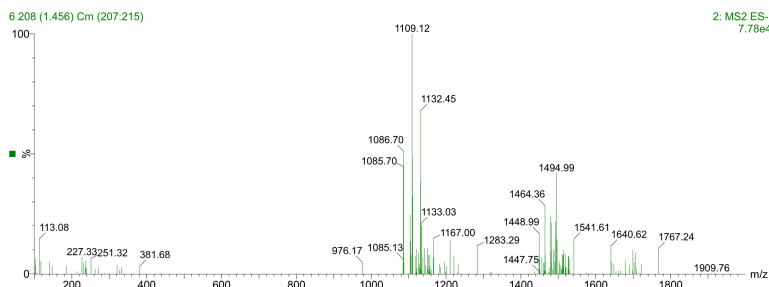
Pubchem CID: 255386757

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	9.82mg	
Purity:	>98%	99.31%	



UPLC



MS

Aleksey Yevtodiyyenko PhD
 Research and Formulation Chemist

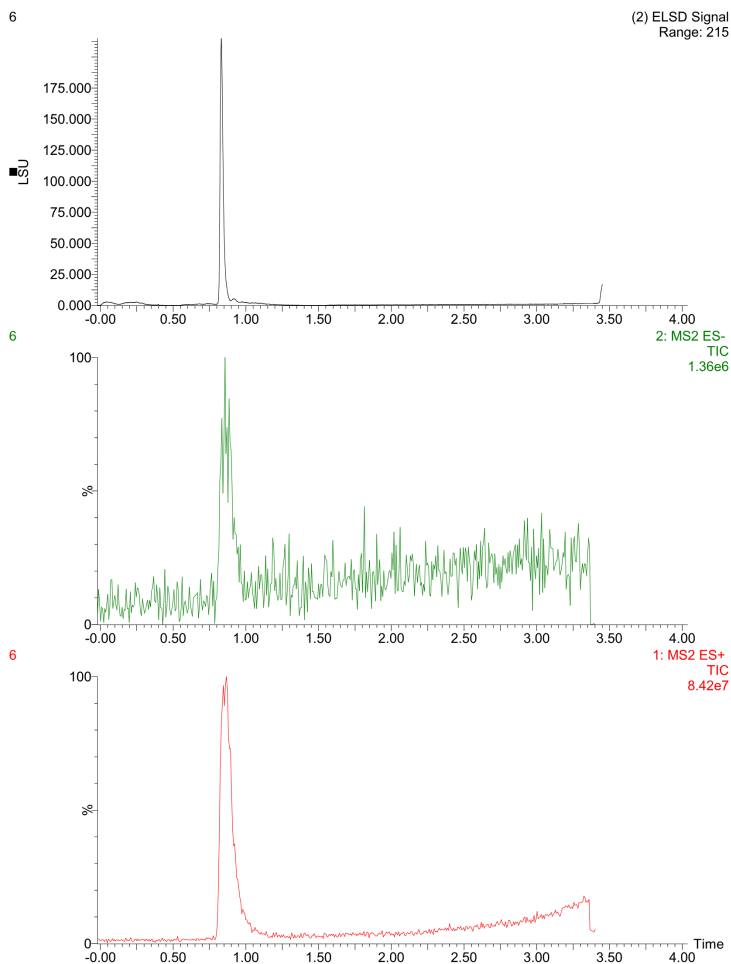


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: PPL-4825741-P
 Client Name: Pinnacle Peptide Labs
 Identity: pinnaclepeptidelabs.com

Lab Received Date: 06/21/2026
 Analysis Conducted: 06/25/2026
 Searchable via: horizonanalytical.com

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



Mass Spectrometry (MS)

