Horizon Analytical

Certificate of Analysis

Lot Number: UMP-8502644-P
Client Name: USA Made Peps
Identity: www.usamadepeps.com

Received Date: 05/15/2026
Analysis Conducted: 05/10/2026
Searchable via: horizonanalytical.com

Compound:	MOTS-c
Lot:	UMP-8502644-P
Appearance:	White Lyophilized Powder

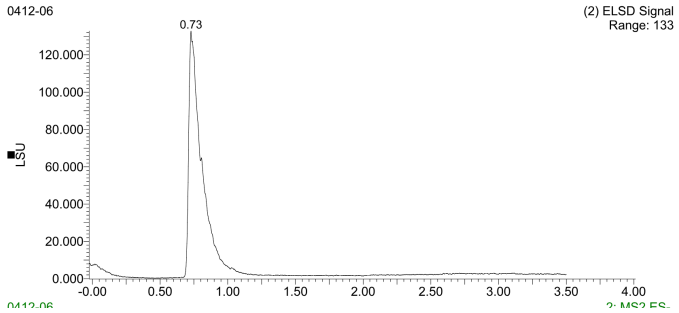
CAS:	1627580-64-6
Formula:	$C_{101}H_{152}N_{28}O_{22}S_2$
Mol Weight:	~2174.64 g/mol

Pubchem CID: 255386757

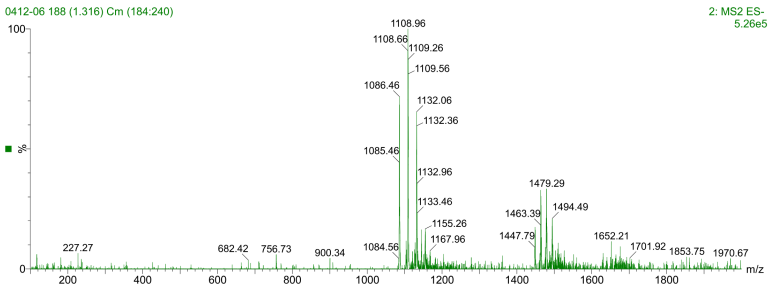
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	MOTS-c	MOTS-c	
Quantity:	10mg	10.1mg	
Purity:	>98%	99.58%	

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.

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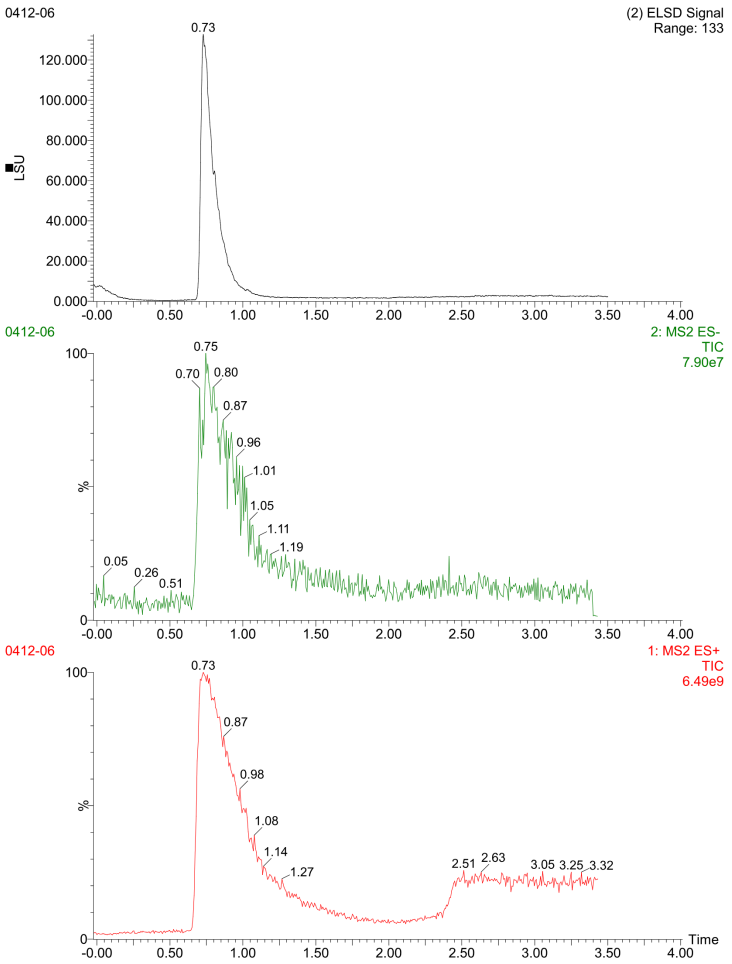
MOTS-c (10mg) • Pubchem CID: 255386757

Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

