Horizon Analytical

Certificate of Analysis

Lot Number: **VP-8066324**
Client Name: **Valkyrie Peptides**
Identity: **https://www.valkyriepeptides.com**

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

Compound:	MOTS-c
Lot:	VP-8066324
Appearance:	White Lyophilized Powder

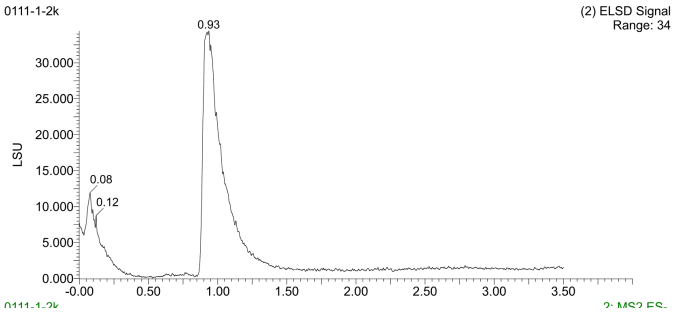
CAS:	1627580-64-6
Formula:	$C_{101}H_{152}N_{28}O_{22}S_2$
Mol Weight:	~2174.64 g/mol

Pubchem CID: 255386757

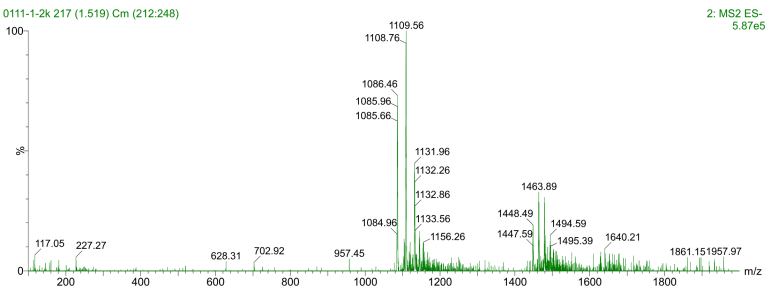
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	**MOTS-c**	**MOTS-c**	
Quantity:	**10mg**	**10.12mg**	
Purity:	**>98%**	99.48%	

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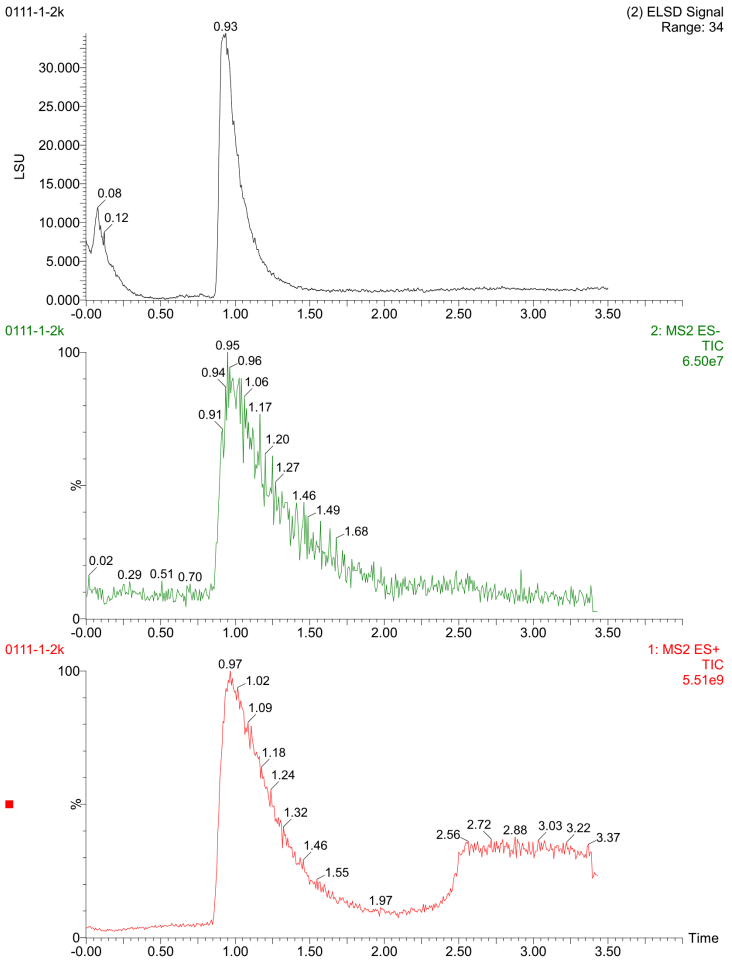
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MOTS-c (10mg) • Pubchem CID: 255386757

Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

