

Client: Northwest Peptides
support@northwestpeptides.com
www.northwestpeptides.com

Sample received: **12/15/25**
Analysis conducted: **12/29/25**

Compound:	MOTS-c	CAS:	1627580-64-6
Batch/Lot #:	MS40-20251102	Formula:	C101H152N28O22S2
Appearance:	White lyophilized powder	Mol Wt:	2174.64 g/mol

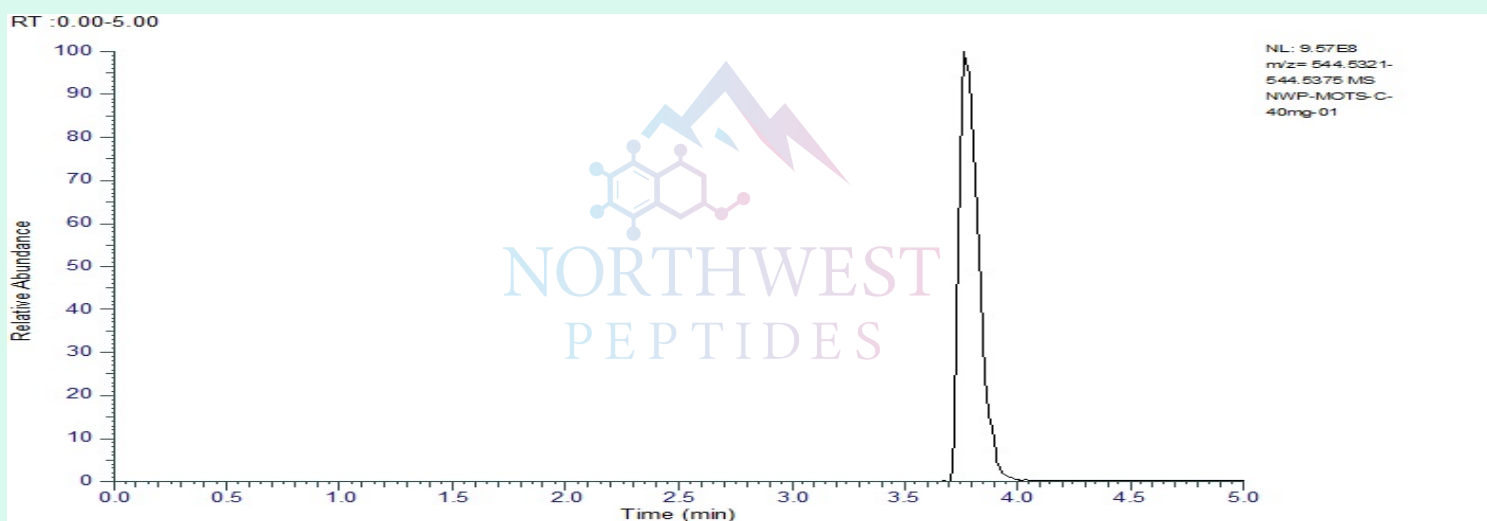
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 155885767

MOTS-c | C101H152N28O22S2 | CID 155885767

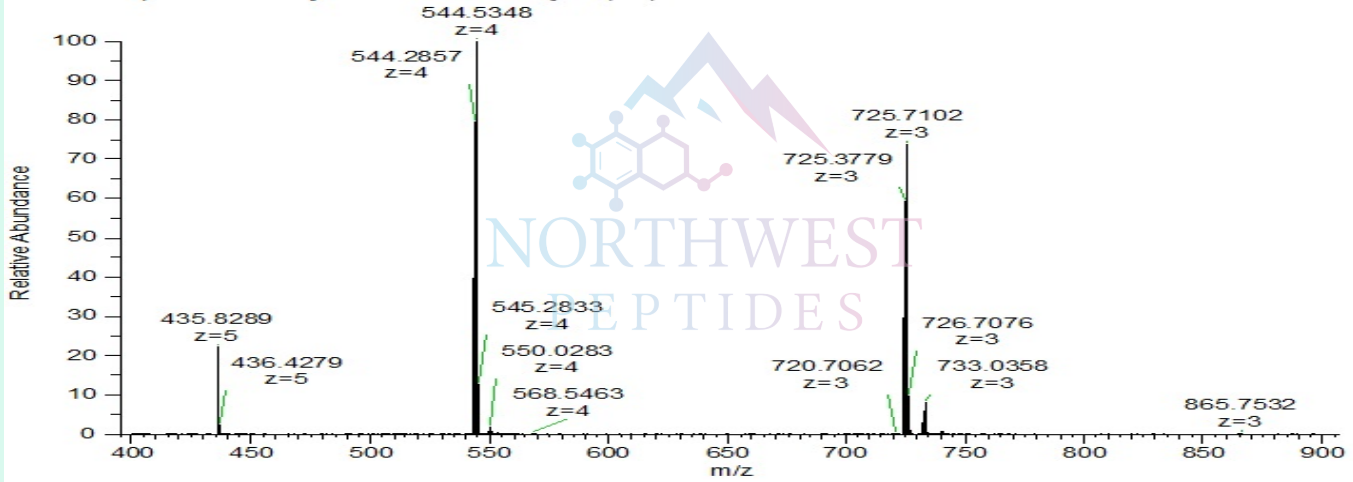
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Quantity:	40 mg ± 15%	37.94 mg	Conforms
Purity:	>99%	99.39%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

NWP-MOTS-C-40mg-01 #433 RT: 3.77 AV: 1 NL: 9.20E8
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.2350



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
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COA #11680
Security Key **NWPEPTIDES0**
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Roberto Marin