

Client: NG Peptides
 admin@ngpeptide.com

 Sample received: **10/01/25**
 Analysis conducted: **10/03/25**

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

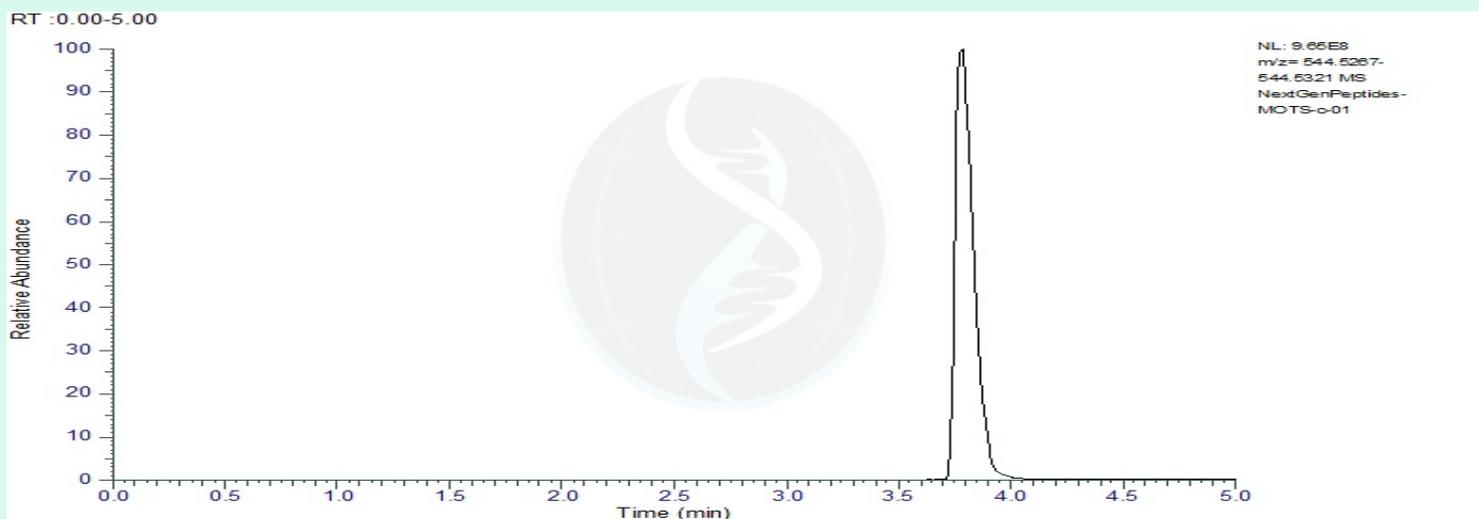
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 155885767

MOTS-c | C101H152N28O22S2 | CID 155885767

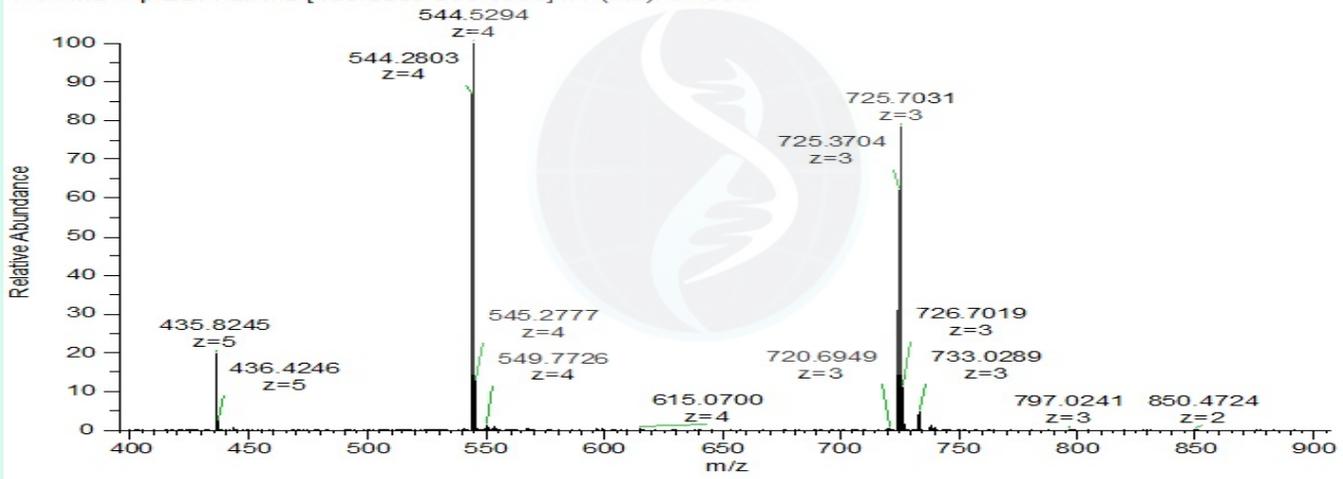
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Quantity:	10 mg ± 15%	9.23 mg	Conforms
Purity:	>99%	99.79%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

NextGenPeptides-MOTS-c-01 #434 RT: 3.78 AV: 1 NL: 9.06E8
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.1550



Analysis Performed by

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Analytical Chemist
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COA #11109
Security Key **NGPEPTIDE**
bioregen.com/verify



Roberto Marin