

Client: Direct Peptides
support@directpeptides.com
www.directpeptides.com

Sample received: **10/24/25**
Analysis conducted: **11/04/25**

Compound:	MOTS-c (10mg)	CAS:	1627580-64-6
Batch/Lot #:	DPS-1425695	Formula:	C101H152N28O22S2
Appearance:	White lyophilized powder	Mol Wt:	2174.64 g/mol

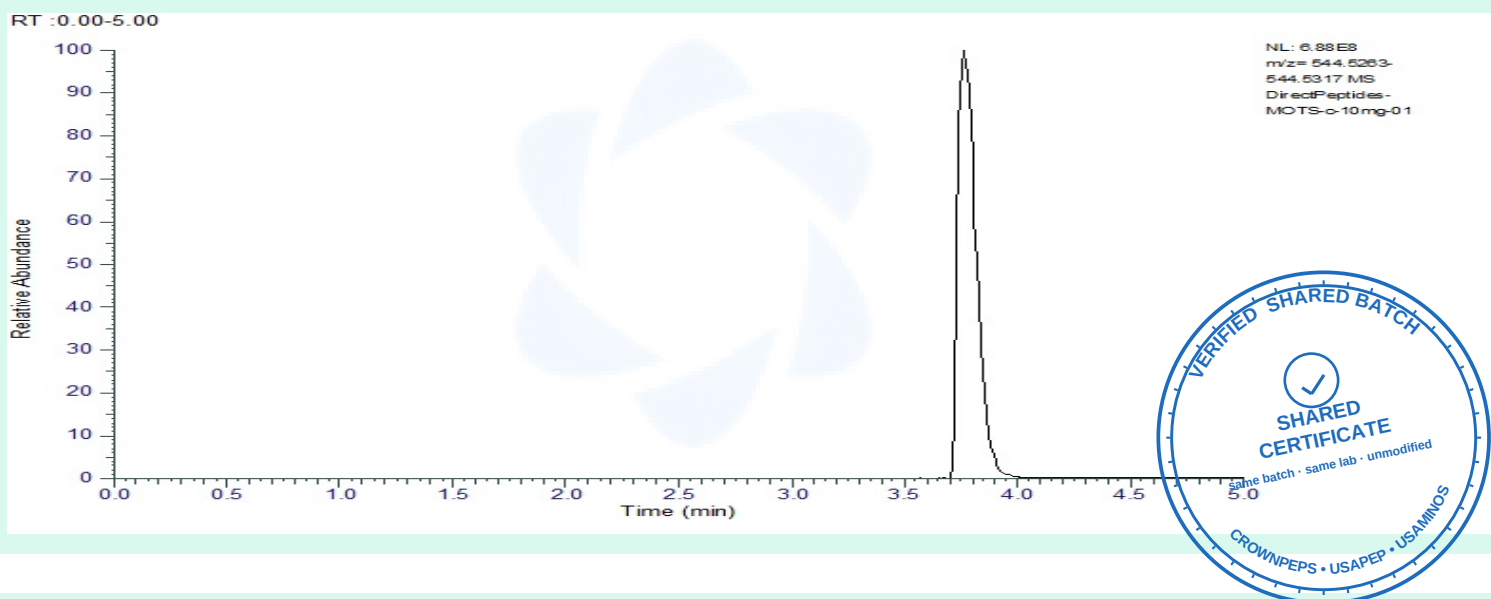
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 155885767

MOTS-c | C101H152N28O22S2 | CID 155885767

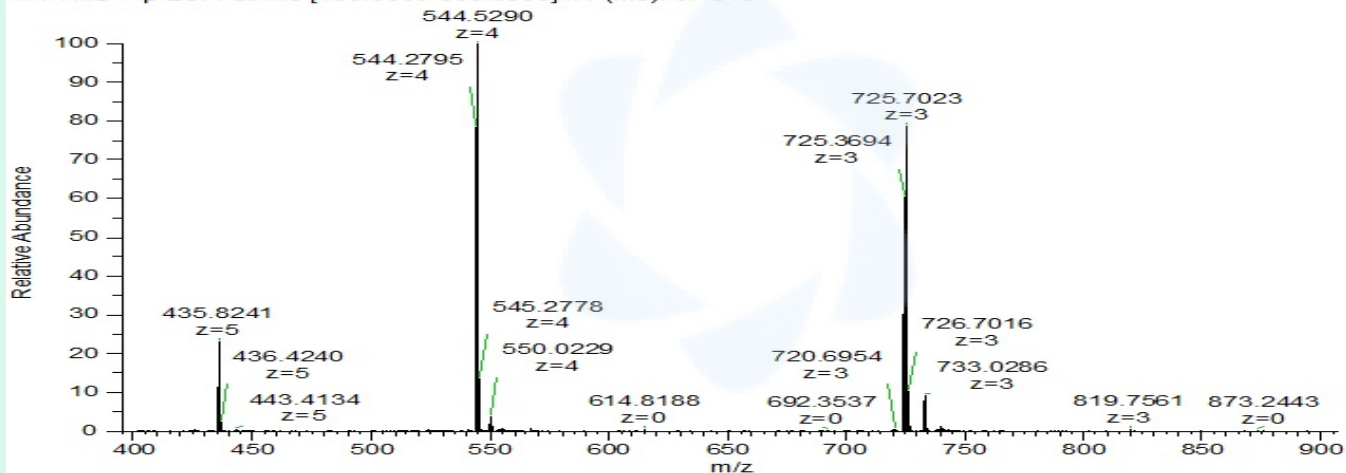
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Purity:	>99%	99.78%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

DirectPeptides-MOTS-c-10mg-01 #432 RT: 3.76 AV: 1 NL: 6.79E8
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.1640



Analysis Performed by

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Analytical Chemist
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Roberto Marin

COA #11266
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