

Client: Oasis Labs
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Sample received: **11/07/25**
Analysis conducted: **11/17/25**

Compound:	MOTS-c	CAS:	1627580-64-6
Batch/Lot #:	253110	Formula:	C101H152N28O22S2
Appearance:	White lyophilized powder	Mol Wt:	2174.64 g/mol

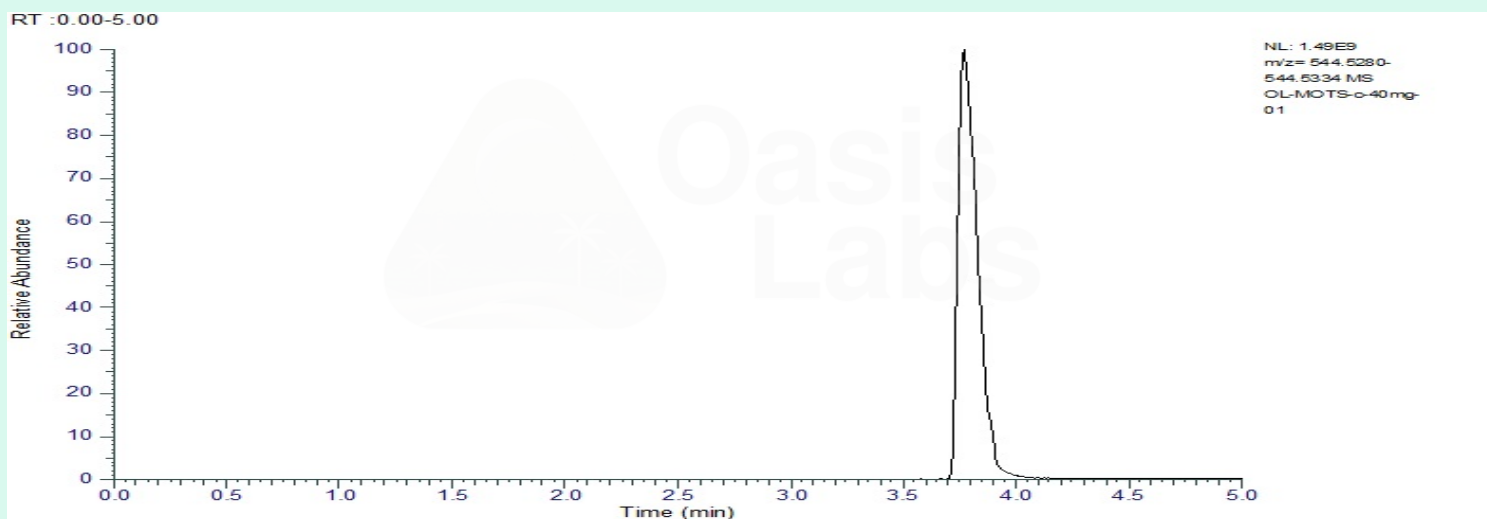
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 155885767

MOTS-c | C101H152N28O22S2 | CID 155885767

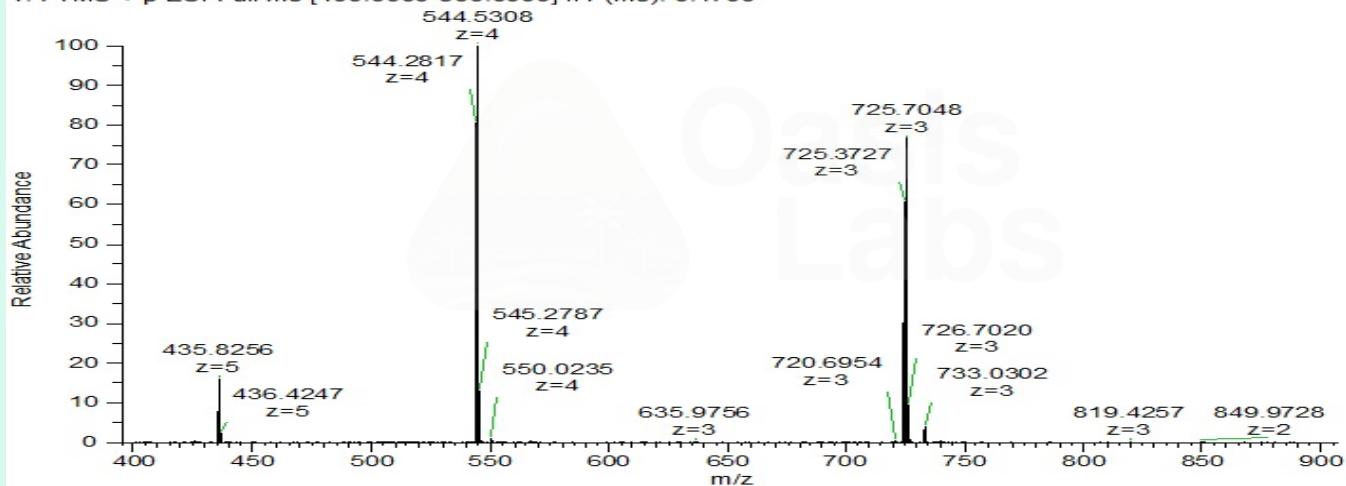
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Quantity:	40 mg ± 15%	43.82 mg	Conforms
Purity:	>99%	99.88%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

OL-MOTS-c-40mg-01 #433 RT: 3.77 AV: 1 NL: 1.48E9
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.1700



Analysis Performed by

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Analytical Chemist
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Security Key **OASISLABS**
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Roberto Marin