

Client: Lab Rats
labrats.co@pm.me

Sample received: **12/08/25**
Analysis conducted: **12/17/25**

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

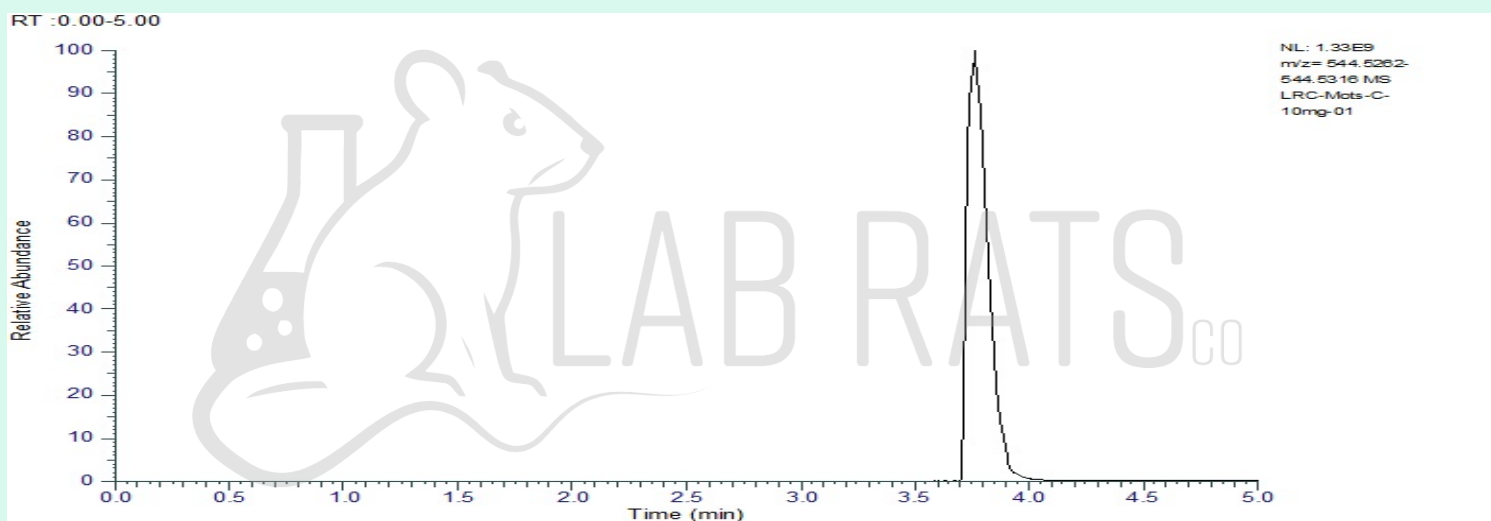
Method: Qualitative and Quantitative chemical analysis by LC-MS with UV detection

Pubchem CID: 155885767

MOTS-c | C101H152N28O22S2 | CID 155885767

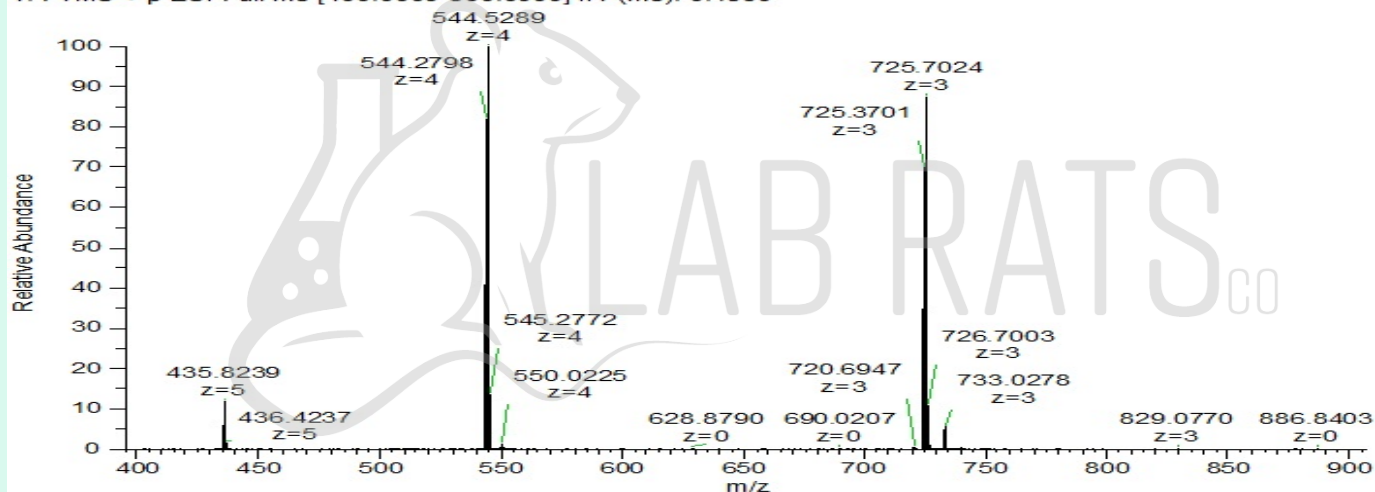
	Specification	Result	
Identity Test:	MOTS-c	MOTS-c	Conforms
Quantity:	10 mg $\pm$ 15%	8.94 mg	Conforms
Purity:	>99%	99.80%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

LRC-Mots-C-10mg-01 #433 RT: 3.77 AV: 1 NL: 1.21E9
T: FTMS + p ESI Full ms [400.0000-900.0000] IIT (ms): 0.1530



Analysis Performed by

Dr. Roberto Marin
Analytical Chemist
contact@bioregen.com

COA #11597
Security Key **LABRATS0**
bioregen.com/verify

Roberto Marin

