FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	StackHaus Research
Accession #:	2607271021
Search Code:	Stac2607271021
Received:	7/27/2026
Reported:	7/31/2026
Lot:	MS40-626-005

Sample Summary

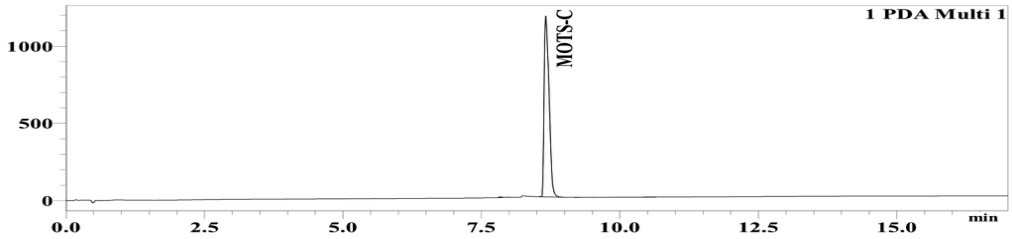
Product:	MOTS-c 40mg	**Purity:**	99.50%
Identity:	Confirmed	**Net Content:**	45.56 mg
Appearance:	White Lyophilized Powder		
Fentanyl	No Fentanyl Detected		

Analytical Results

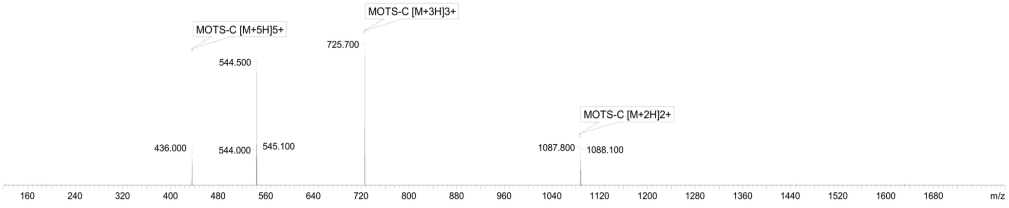
Test	Result
Identity (LC-MS)	MOTS-C
Purity (HPLC-UV)	99.50%
Net Content	45.56 mg

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



Principal Chemist

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The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.