FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	Tranmoo
Accession #:	2607130572
Search Code:	Tran2607130572
Received:	07/13/2026
Reported:	07/15/2026
Lot:	Yellow Cap

Sample Summary

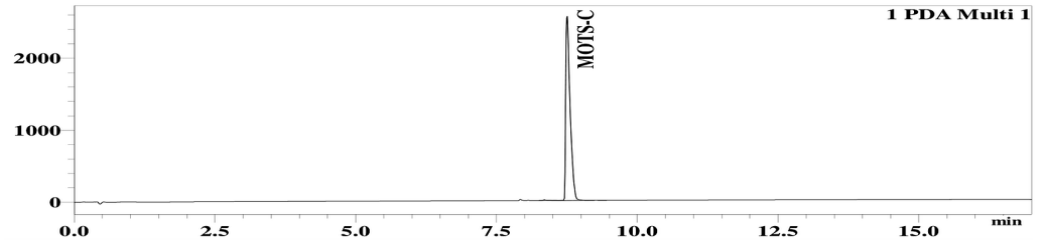
Product:	MOTS-C 20mg	**Purity:**	Vial 1: 99.74% Vial 2: 99.76%
Identity:	Confirmed	**Net Content:**	Vial 1: 23.46 mg Vial 2: 25.40 mg
Appearance:	White Lyophilized Powder		

Analytical Results

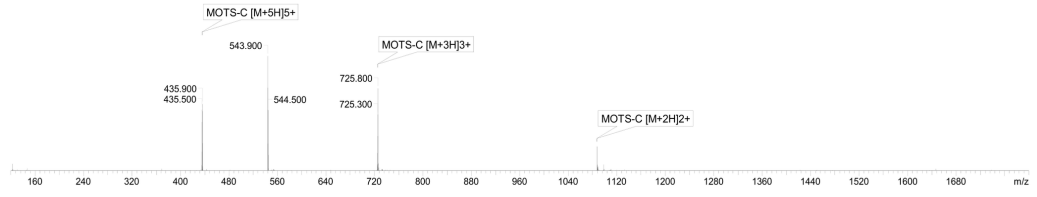
Test	Result
Identity (LC-MS)	MOTS-C
Purity (HPLC-UV)	99.75%
Net Content Average	24.43 mg

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.