Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	Purity Analytics
Accession #:	2606290662
Search Code:	Puri2606290662
Received:	06/29/2026
Reported:	07/01/2026
Lot:	20260411L01MTSS40

Sample Summary

Product:	MOTS-c (40mg)	**Purity:**	99.41%
Identity:	Confirmed	**Net Content:**	39.33 mg
Appearance:	White Lyophilized Powder		
Microbial Analysis (PCR):	Pass		

Analytical Results

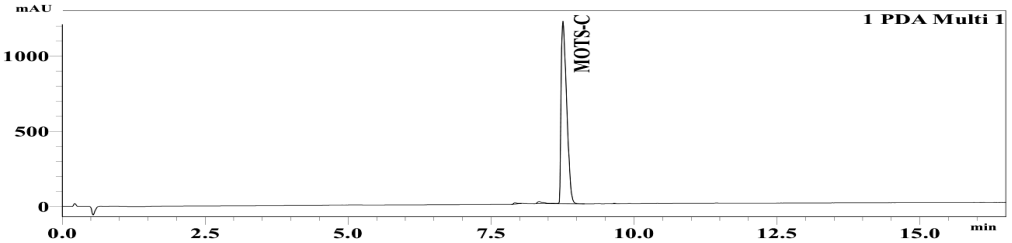
Test	Result
Identity (LC-MS)	Confirmed
Purity (HPLC-UV)	99.41%
Net Content	39.33 mg

Method: Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

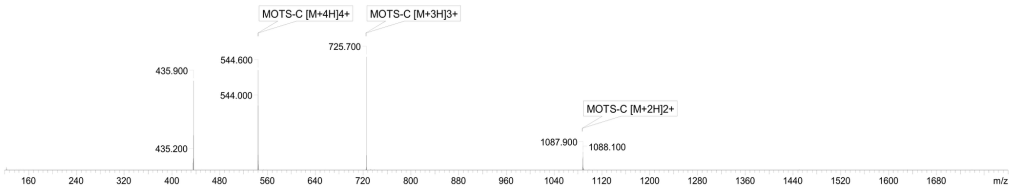
Microbial Analysis (PCR)	No Detectable Microbial DNA	Pass

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.