Certificate of Analysis

FREEDOM DIAGNOSTICS

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Searchable via: FreedomDiagnosticsTesting.com

Accession Number	2603040005
Client	Peptira LLC
Search Code	Pept2603040005

Received Date:	03/04/2026
Reported Date:	03/5/2026

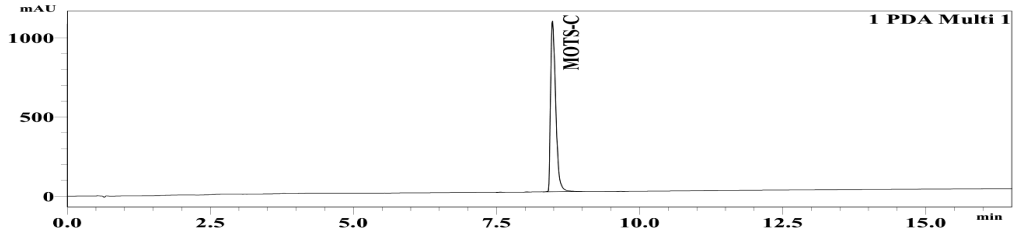
Product	MOTS-C 10mg
Net Peptide Content	Vial 1: 11.31 mg Vial 2: 11.00 mg Vial 3: 11.29 mg
Average Net Peptide	11.20 mg

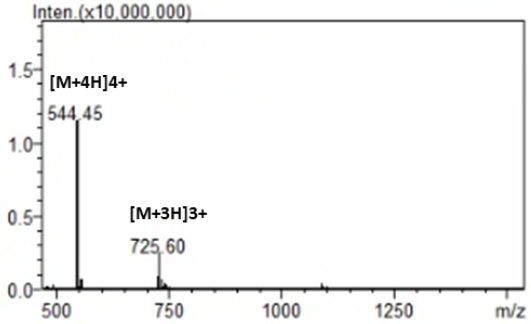
Lot	MOTS10-005
Purity	Vial 1: 99.78% Vial 2: 99.81% Vial 3: 99.80%
Appearance	White Lyophilized Powder

Endotoxin Threshold		Result
Replicate 1	**≤ 0.05 EU/mL**	**Pass**
Replicate 2	**≤ 0.05 EU/mL**	**Pass**

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Average Purity
MOTS-C	**99.80%**





Alex Johnson

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Principal Chemist

COA: 2603040005

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.