

<b>Client:</b>	Simple Peptide
<b>Accession #:</b>	2605210549
<b>Search Code:</b>	Simp2605210549
<b>Received:</b>	05/21/2026
<b>Reported:</b>	05/23/2026
<b>Lot:</b>	MOTS10-052026-2

### Sample Summary

<b>Product:</b>	MOTS-C 10mg	<b>Purity:</b>	Vial 1: 99.41% Vial 2: 99.43%
<b>Identity:</b>	Confirmed	<b>Net Content:</b>	Vial 1: 11.18 mg Vial 2: 11.00 mg
<b>Appearance:</b>	White Lyophilized Powder		

### Analytical Results

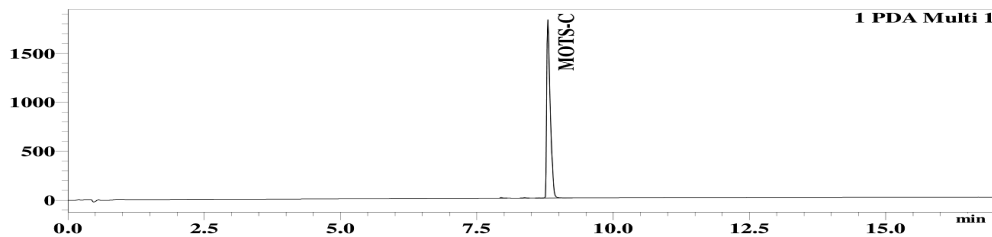
Test	Result
<b>Identity (LC-MS)</b>	MOTS-C
<b>Purity (HPLC-UV)</b>	99.42%
<b>Net Content Average</b>	11.09 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

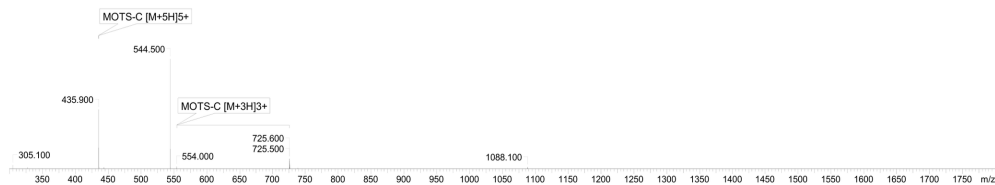
<b>Endotoxin Replicate 1:</b>	Pass	Assay Sensitivity: ≤0.05 EU/mL
<b>Endotoxin Replicate 2:</b>	Pass	Assay Sensitivity: ≤0.05 EU/mL

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

#### Chromatogram



#### Mass Confirmation




Principal Chemist

FreedomDiagnosticsTesting.com  
Admin@FreedomDiagnostics.net  
**Proudly Owned and Operated in the USA**

