Certificate of Analysis

FREEDOM DIAGNOSTICS

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Accession Number	2512310029
Client	Lorphion Labs
Search Code	Lorp2512310029

Received Date:	12/31/2025
Reported Date:	1/1/2026

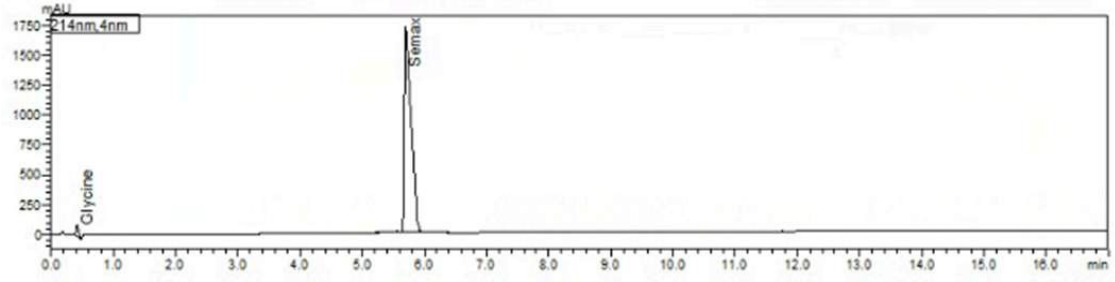
Product	Semax 10mg
Net Peptide Content	Vial 1: 9.61 mg Vial 2: 10.34 mg Vial 3: 10.12 mg
Average Net Peptide	10.02 mg

Lot	SMAX10-007
Purity	Vial 1: 99.262% Vial 2: 99.387% Vial 3: 99.401%
Appearance	White Lyophilized Powder

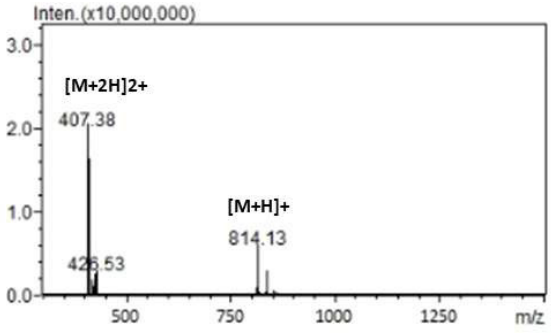
Endotoxin Threshold		Result
Replicate 1	**≤ 0.05 EU/mL**	**Pass**
Replicate 2	**≤ 0.05 EU/mL**	**Pass**

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

Mass Identification	Average Purity
Semax	**99.350%**







Stephen Schmidt

Stephen Schmidt

Principal Chemist

COA: 2512310029

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.