

Customer:
Research Labs

EA Sample ID: 26EA0618-095
Sample Name: SEMAX Vial
Sample Type: Powder
Batch/Lot: 26050464

Date Received:
06/18/2026
Date Completed:
06/23/2026



ETHOS
ANALYTICS

CERTIFICATE OF ANALYSIS

Summary of Results

<u>Analysis Type</u>	<u>Method</u>	<u>Date Tested</u>	<u>Status</u>
Peptides	HPLC	06/23/2026	Complete
Bacterial Endotoxins	USP <85>	06/23/2026	Complete



Serving Size: N/A

Peptide Analysis

<u>Analyte</u>	<u>Result</u>	<u>Specification</u>	<u>LOD</u>
Semax	5.07mg/vial	5mg/vial	0.1%
Identity of the analyte was confirmed by retention time concordance with a certified reference standard, per USP <621>.			
Chromatographic Purity	>99%	>99%	0.1%
Bacterial Endotoxins (Gel-Clot: 1:10 Dilution)	<1.25 EU/ml	<5 EU/ml	$\lambda =$ 0.125 EU/mL

NOTES: Injectable peptides may include acceptable salts, sugars, or buffering agents added to improve solubility and stability. These excipients are non-chromophoric, typically not detected by HPLC, and are not considered impurities.

LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION



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Noel Samsum
Laboratory Director
23-Jun-2026

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.