



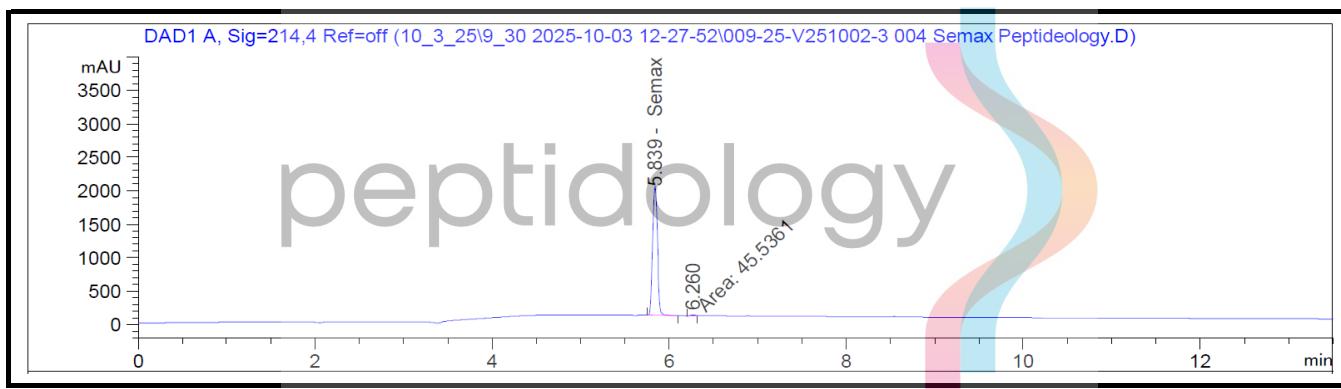
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

Semax 10 mg

Report To:
Peptidology
11111 N Scottsdale Rd STE 205
Scottsdale, AZ 85254
480-974-4660

Compound: Semax
Amount: 10 mg
Laboratory ID: V251002-3 004
Date Reported: 10/21/2025
Lot Number: 1665



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	99.39% + 0.18%
Assay	HPLC-UV/VIS	10.23 mg



Report By: Dustin Newman, Laboratory Director on 10/21/2025

Approved By: Tori Johnson, Operations Manager on 10/21/2025

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



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Analyte	Method	LOQ (ppm)	Result (ppm)
Chromium (Cr)	ICP-MS	0.05	ND
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 251013, 251015Hg

Analysis	Method	Result
Endotoxins	LAL	<0.05 EU/mg
Sterility	USP <71>	PASS - No microorganisms present in sample tested.

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 10/21/2025

Approved By: Tori Johnson, Operations Manager on 10/21/2025

ND: Non-Detect

LOD: Limit of Quantification



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Peptidology
11111 N Scottsdale Rd
Scottsdale, AZ 85254

Phone: 480-974-4660

Date Received: 10/2/2025

LABORATORY REPORT

Account #: E74035
Sample Name: Semax
Lot #: 1665
Storage Conditions: Room Temperature

Submission #: ETX-250930-0517



Microbiology Tests:

ScanRDI Sterility Test

Method Suitability: No Method Suitability on file

Result: Pass

Date Started: 10/2/2025

Date Completed: 10/5/2025

Respectfully submitted,
EAGLE ANALYTICAL SERVICES INC.



Alison Eng, Quality Control Manager

Results apply only to the tested sample(s) as received.