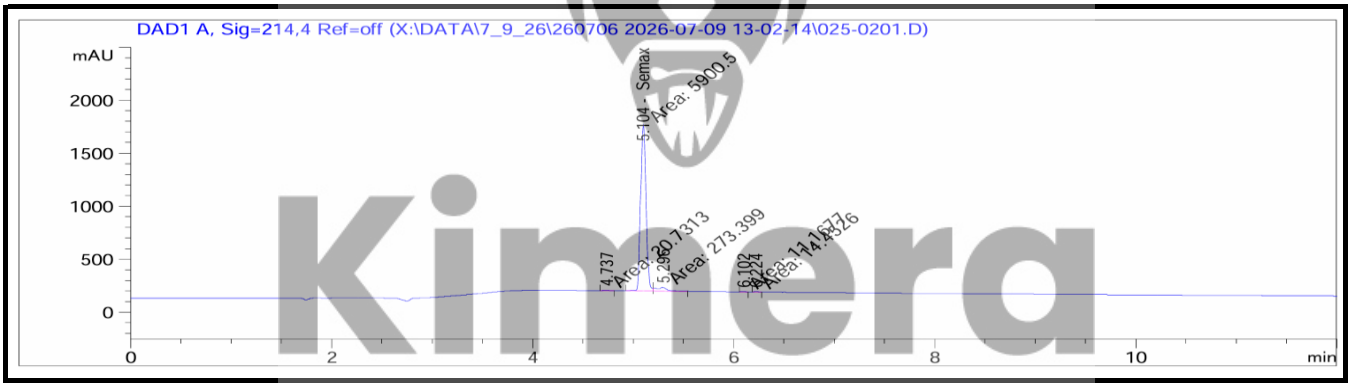
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

Semax 5 mg

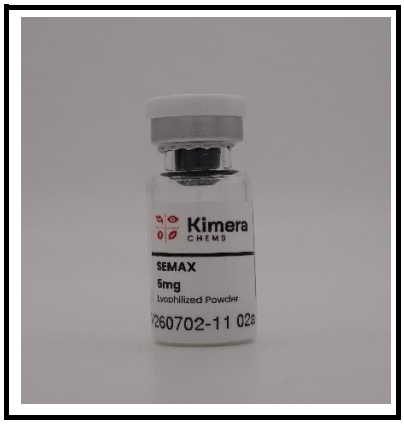
Report To:
Kimera Chems

Compound: Semax
Amount: 5 mg
Laboratory ID: V260702-11 002
Lot Number: KC-SMX-WHT2
Date Released: 7/20/2026



Chromatogram for vial A shown above.

Analysis	Method	Result (per Vial)		
Chromatographic Purity	HPLC-UV/VIS	99.14%	99.15%	99.11%
Quantity	HPLC-UV/VIS	5.11 mg	5.42 mg	5.78 mg



Report By: Dustin Newman, Laboratory Director on 7/20/2026

Approved By: Tori Johnson, Operations Manager on 7/20/2026

ISO 17025:2017 ACCREDITED LABORATORY

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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Certificate of Analysis

Semax 5 mg

Report To:
Kimera Chems

Compound: Semax
Amount: 5 mg
Laboratory ID: V260702-11 002
Lot Number: KC-SMX-WHT2
Date Reported: 7/20/2026

Analyte	Method	LOQ (ppm)	Result
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.02	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260709.2

Analysis	Method	Result (per Vial)
Endotoxins	LAL	Pass - <5.00 EU/mg*

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

Analysis	Method	Result (per Vial)	
Sterility	USP <71>	**A**	Pass - No Growth
		B	Pass - No Growth
		C	Pass - No Growth
		D	Pass - No Growth
		E	Pass - No Growth
		F	Pass - No Growth
		G	Pass - No Growth
		H	Pass - No Growth
		I	Pass - No Growth
		J	Pass - No Growth

Report By: Dustin Newman, Laboratory Director on 7/20/2026

Approved By: Tori Johnson, Operations Manager on 7/20/2026

ND: Non-Detect
LOD: Limit of Quantification

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