GOLD PEAK LABS
RESEARCH MATERIALS • LABORATORY SUPPLY

CERTIFICATE OF ANALYSIS

REPORT OVERVIEW

SEMAX

10 mg labeled quantity | Semax

PREPARED FOR

Gold Peak Labs

Laboratory report client: Gold Peak Labs

ISSUING LABORATORY

Vanguard Laboratory

Laboratory ID: V262411-4 001

Reported: 10/14/2026

SOURCE LOT **LS-R3942.5.2026**

01 / PURITY & VIAL CONTENT

Analysis	Method	Result 1	Result 2	Result 3
Chromatographic purity	HPLC-UV/VIS	>99.80%	>99.80%	>99.80%
Quantity per vial	HPLC-UV/VIS	10.55 mg	10.23 mg	10.85 mg

Reported results, in source order. Original chromatogram is retained in the attached laboratory report.

02 / ENDOTOXIN & MICROBIOLOGICAL TESTING

Analysis	Method	Result reported by laboratory
Endotoxins	LAL	Pass - <5.00 EU/mg*
BioBurden	USP <61>	Pass - No Growth Detected

*Source pass criteria and explanatory footnotes remain in the original laboratory report.

03 / ELEMENTAL ANALYSIS

Analyte	Method	LOQ (ppm)	Result (ppm)
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

ND: Non-detect. LOQ: Limit of quantification. Source run ID: 260217.

About this presentation. Gold Peak Labs summary; not a laboratory-issued or amended certificate. The original 2-page report follows unchanged and governs the results. Results apply only to the portions tested. Vanguard did not select the samples and cannot confirm authenticity or lot representativeness. A bioburden result is not a claim of sterility.

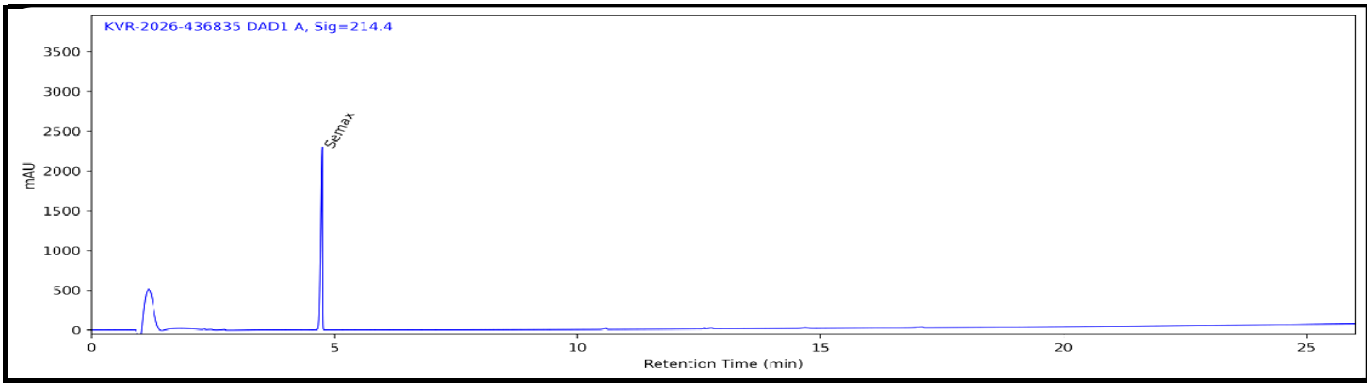
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502

Certificate of Analysis

Semax 10 mg

Report To:
Gold Peak Labs

Compound: Semax
Quantity: 10 mg
Laboratory ID: V262411-4 001
Lot Number: LS-R3942.5.2026
Date Reported: 10/14/2026



Chromatogram for Vial "A" shown above.

Analysis	Method	Result (per Vial)		
Chromatographic Purity	HPLC-UV/VIS	>99.80%	>99.80%	>99.80%
Quantity	HPLC-UV/VIS	10.55 mg	10.23 mg	10.85 mg

Report By: Dustin Newman, Laboratory Director on 10/14/2026

Approved By: Tori Johnson, Operations Manager on 10/14/2026

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.

Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502

Certificate of Analysis

Semax 10 mg

Report To:
Gold Peak Labs

Compound: Semax
Quantity: 10 mg
Laboratory ID: V262411-4 001
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Date Reported: 10/14/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
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: 260217

Analysis	Method	Result
Endotoxins	LAL	Pass - <5.00 EU/mg*
BioBurden	USP <61>	Pass - No Growth Detected

*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 10/14/2026

Approved By: Tori Johnson, Operations Manager on 10/14/2026

ND: Non-Detect
LOD: Limit of Quantification

ISO 17025:2017 ACCREDITED LABORATORY

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