

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

Semax - 10mg

Tested for: RevPep
Revolutionpeptide.com

COA #: COA-2026-955316
Lot Number: SE10B
Labeled Content: 10mg
Volume: 3mL

Analysis Date: 06/10/2026
Appearance: Good
Volume: 3mL
Date Received: 06/03/2026

Method: Full QC Panel

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: PHGMP6E2

Identity

Semax

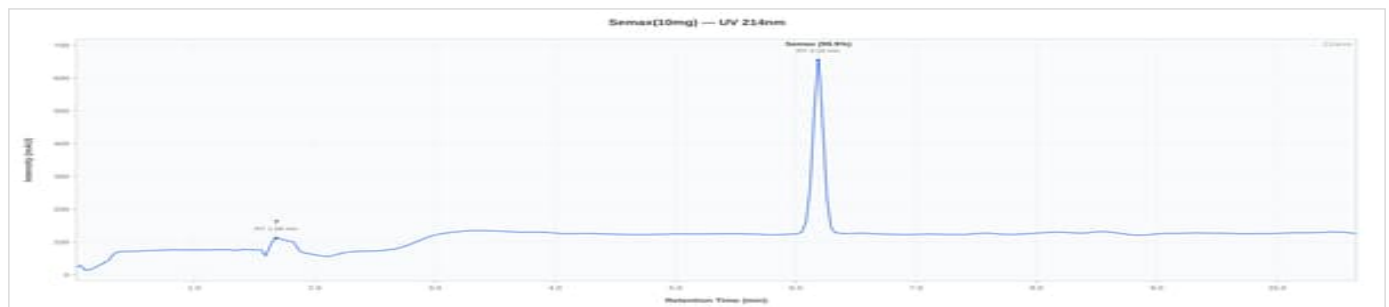
Peptide Purity

99.85%

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.85%	%	PASS
Net Peptide Content	Report Only	10.72	mg	N/A
Identity (HPLC-RTM)	Semax	Confirmed	-	PASS

HPLC Chromatogram



Semax 10mg - SE10B: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	0.1152 ppm	PASS
Cadmium (Cd)	NMT 0.5 ppm	0.0936 ppm	PASS
Lead (Pb)	NMT 1 ppm	0.2 ppm	PASS
Mercury (Hg)	NMT 1.5 ppm	0.338 ppm	PASS
Chromium (Cr)	NMT 10 ppm	0.586 ppm	PASS

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS



Dr. Greg Kalyuzhny

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Lab Director
8/8/2026

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Verify: portal.ils-lab.com/verify/c1UN0XIZILW6BQ9W
Issued: 8/8/2026

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.075 EU/mL	Reported
About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.			

Notes & Methodology

1. Date Tested: 08/08/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.




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