

ILS Laboratories

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

Semax - 5mg

Tested for: Codex Research

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: G4X77Z4H

COA #: COA-2026-NMDZ9S
Lot Number: 2026060208
Labeled Content: 5mg
Volume: 3mL

Analysis Date: 08/17/2026
Appearance: Good
Volume: 3mL
Date Received: 08/11/2026

Method: Purity, Identity & Quantitation (HPLC), Sterility (PCR), Endotoxin (USP <85>)

Identity

Semax

Peptide Purity

99.98%



Fentanyl
Free

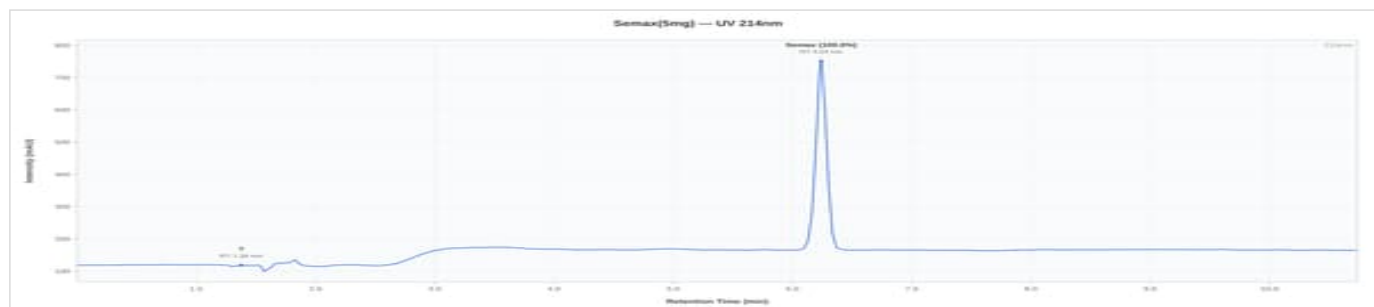


Semax 5mg - 2026060208

Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.98%	%	PASS
Net Peptide Content	Report Only	5.22	mg	N/A
Identity (HPLC-RTM)	Semax	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Semax 5mg - 2026060208: UV Chromatogram

Sterility Testing (PCR)

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

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.201 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.



Dr. Greg Kalyuzhny

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Lab Director
8/17/2026

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Notes & Methodology

1. Date Tested: 08/17/2026. Methods: Purity, Identity & Quantitation (HPLC).
2. The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic chromogenic method. Acceptance criteria per client specification.
4. 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.
5. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.



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