Certificate of Analysis

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

Semax - 10mg

Tested for: GhostLabz
ghostlabzresearch.com

PASS

Scan to verify authenticity at ils-lab.com
Access Code: VWJ9TXRB

COA #:	**COA-2026-AJLXZD**	Analysis Date:	**06/24/2026**
Lot Number:	**SEM10-GL01**	Appearance:	**Good**
Labeled Content:	**10mg**	Vial Size:	**3mL**
Vial Size:	**3mL**	Date Received:	**06/12/2026**

Method: **Purity & Quant (HPLC)**

Identity	Peptide Purity	
Semax	**99.86%**	**Fentanyl Free**

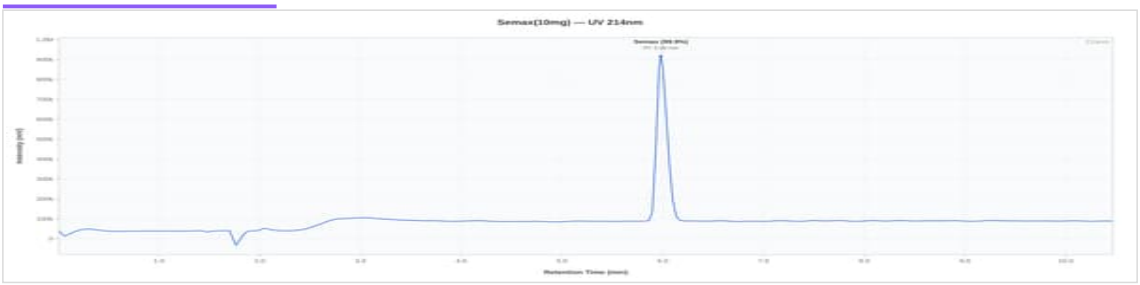


Semax 10mg - SEM10-GL01

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.86%**	%	**PASS**
Net Peptide Content	Report Only	**10.66**	mg	N/A
Identity (HPLC-RTM)	Semax	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Semax 10mg - SEM10-GL01: UV Chromatogram

Notes & Methodology

1. Date Tested: 06/24/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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.

Dr. Greg Kalyuzhny
Lab Director
6/24/2026

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Verify: lab.ils-lab.com
Issued: 6/24/2026

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