Certificate of Analysis

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

Semax - 5mg

Tested for: Pine peptides

PASS

COA #:	**COA-2026-V77QJW**	Analysis Date:	**07/15/2026**
Lot Number:	**PMPSX5**	Appearance:	**Good**
Labeled Content:	**5mg**	Vial Size:	**3mL**
Vial Size:	**3mL**	Date Received:	**07/01/2026**

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

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

Identity	Peptide Purity	
Semax	**99.89%**	**Fentanyl Free**

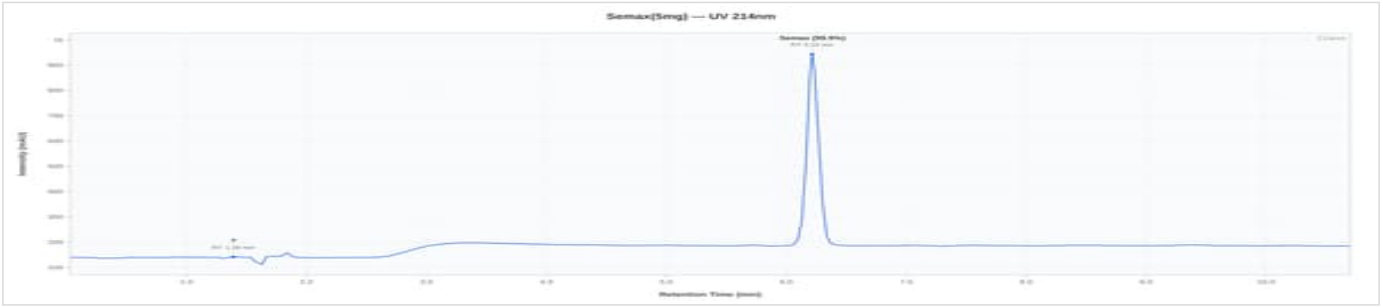


Semax 5mg - PMPSX5

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.89%**	%	**PASS**
Net Peptide Content	Report Only	**5.29**	mg	N/A
Identity (HPLC-RTM)	Semax	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Semax 5mg - PMPSX5: UV Chromatogram

Notes & Methodology

1. Date Tested: 07/15/2026. 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
7/15/2026

COA #: **COA-2026-V77QJW**
Access Code: **WSQCCFVU**
Verify: lab.ils-lab.com
Issued: 7/15/2026

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