

ILS Laboratories

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Semax - 5mg

 **Tested for: Heritage Labs**
<https://heritagelabsusa.com>

COA #: **COA-2026-5YEIUE**
Lot Number: **XA5-260507-A**
Accession #: **ACC-2026-12237**
Labeled Content: **5mg**

Analysis Date: **08/03/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Volume: **3mL**
Date Received: **07/23/2026**

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: UYGN6XQQ

Method: **Purity, Identity & Quantitation (HPLC)**

Identity	Peptide Purity		Fentanyl Free
Semax	99.79%		

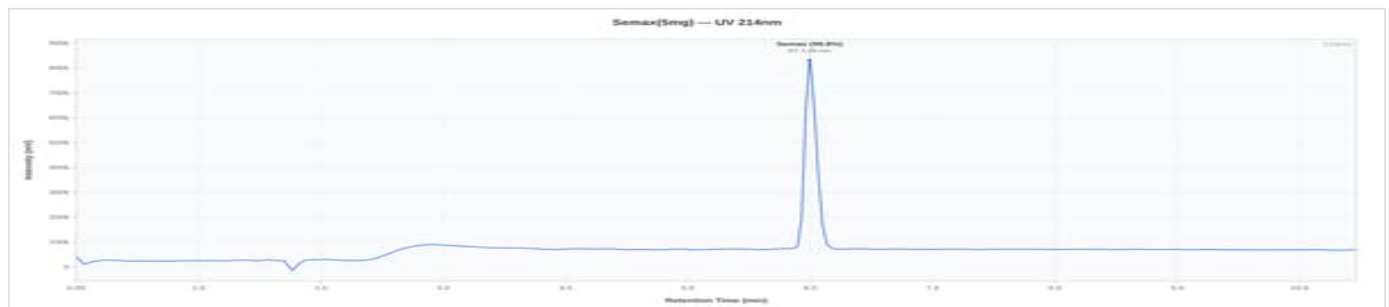
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.79%	%	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



Semax 5mg - XA5-260507-A

HPLC Chromatogram



Semax 5mg - XA5-260507-A: UV Chromatogram

Notes & Methodology

- Date Tested: 08/03/2026. Methods: Purity, Identity & Quantitation (HPLC).
- The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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
8/3/2026

COA #: **COA-2026-5YEIUE**
Access Code: **UYGN6XQQ**
Verify: <portal.ils-lab.com/verify/dYYF2IIF0p-LHX96>
Issued: 8/3/2026