

ILS Laboratories

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

Semax - 5mg

Tested for: Dp Aminos (Desert Peptides)

PASS

COA #: COA-2026-HGQSTQ
Lot Number: DP-2607-01
Accession #: ACC-2026-16642
Labeled Content: 5mg

Analysis Date: 08/23/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 08/19/2026



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

Method: Purity, Identity & Quantitation (HPLC)

Identity	Peptide Purity	
Semax	99.90%	 Fentanyl Free

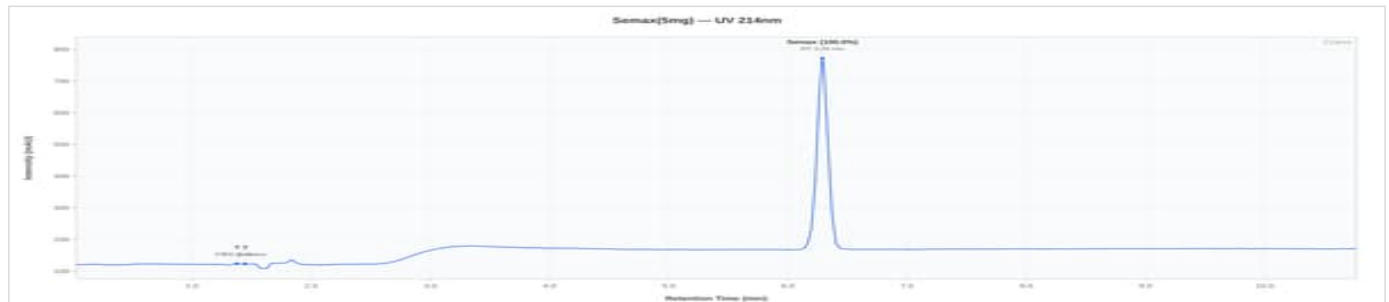
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	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



Semax 5mg - DP-2607-01

HPLC Chromatogram



Semax 5mg - DP-2607-01: UV Chromatogram

Notes & Methodology

- Date Tested: 08/23/2026. 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.
- Purity values are capped at 99.9% to reflect instrument limit of detection (LOD). Trace impurities below the detection threshold may be present.
- 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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Dr. Greg Kalyuzhny
Lab Director
8/23/2026

COA #: COA-2026-HGQSTQ
Access Code: SGHDNXWA
Verify: portal.ils-lab.com/verify/EUI81XqanGAUHjXb
Issued: 8/23/2026