Certificate of Analysis

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

Semax / Selank 10MG/10MG - 20mg

Tested for: PremierBioLabs LLC
www.premierbiolabs.com

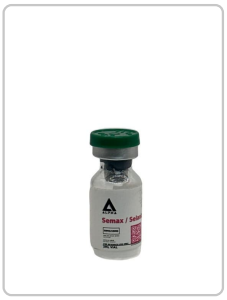
PASS

COA #:	**COA-2026-955149**	Analysis Date:	**08/06/2026**
Lot Number:	**XS01**	Appearance:	**Good**
Accession #:	**ACC-2026-12388**	Sample Matrix:	**Lyophilized**
Labeled Content:	**20mg**	Volume:	**3mL**
		Date Received:	**07/24/2026**

Scan to verify authenticity at ils-lab.com
Access Code: 5BM8R43Q

Method: **Blend Purity, Identity & Quantitation (HPLC), Heavy Metals (ICP-MS)**

Identity	Peptide Purity	
Semax / Selank 10MG/10MG	**99.77%**	Fentanyl Free

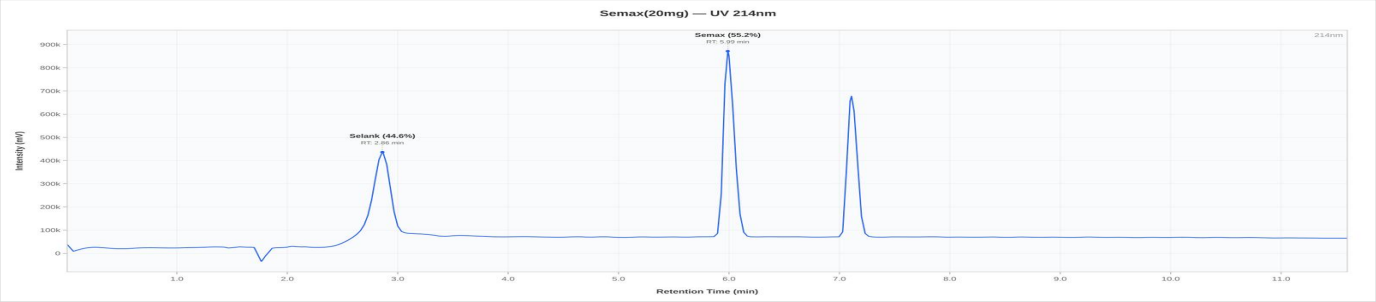


Semax / Selank 10MG/10MG 20mg - XS01

Blend Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.77%**	%	**PASS**
Identity (HPLC-RTM)	SEMAX + SELANK	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Semax / Selank 10MG/10MG 20mg - XS01: UV Chromatogram

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	**21.15**	mg	N/A
-- Semax		*10.68*	*mg*	
-- Selank		*10.47*	*mg*	

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	*Not Detected*	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1.0 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10.0 ppm	*Not Detected*	**PASS**

Notes & Methodology

1. Date Tested: 08/06/2026. Methods: Blend Purity, Identity & Quantitation (HPLC); Additional Tests.
2. The sample was confirmed to be Semax / Selank 10MG/10MG by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product 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. Per-component content determined by individual peak integration. Not all labeled components may be present.
6. Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
7. 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.

ILS LABS

Issued by ILS Laboratories
(619) 329-3999
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Dr. Greg Kalyuzhny
Lab Director
08/06/2026

COA #: **COA-2026-955149**
Access Code: **5BM8R43Q**
Verify: portal.ils-lab.com/verify/M2wbl4eMeDELTuR1
Issued: 08/06/2026

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This certificate relates only to the sample(s) tested.