Certificate of Analysis

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

Semax/Selank - 5/5mg

PASS

lumi PEPTIDES **Tested for: Lumi Peptides**
www.lumipeptides.com

COA #:	**COA-2026-412622**	Method:	**Full QC Panel**
Lot Number:	**LPSXSK-001**	Analysis Date:	**05/23/2026**
Accession #:	**ACC-2026-2747**	Appearance:	**Good**
Concentration:	**5/5mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/18/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
Semax/Selank	**99.90%**	Fentanyl Free



Semax/Selank 5/5mg - LPSXSK-001

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.90%**	%	PASS
Identity (ID)	Selank; Semax	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.892 ppm**	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	**0.1198 ppm**	ppm	PASS
Lead (Pb)	<= 1 ppm	**0.1642 ppm**	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	**0.274 ppm**	ppm	PASS
Chromium (Cr)	<= 10 ppm	**0.332 ppm**	ppm	PASS

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	**10.37**	mg	N/A

ilac-MRA PJLA Testing Accreditation No. 59423

Dr. Greg Kalyuzhny
Lab Director
5/26/2026

COA #: **COA-2026-412622**
Access Code: **SVTSSYDT**
Verify: portal.ils-lab.com/verify/YNd6whspXmEoBfij
Issued: 5/26/2026

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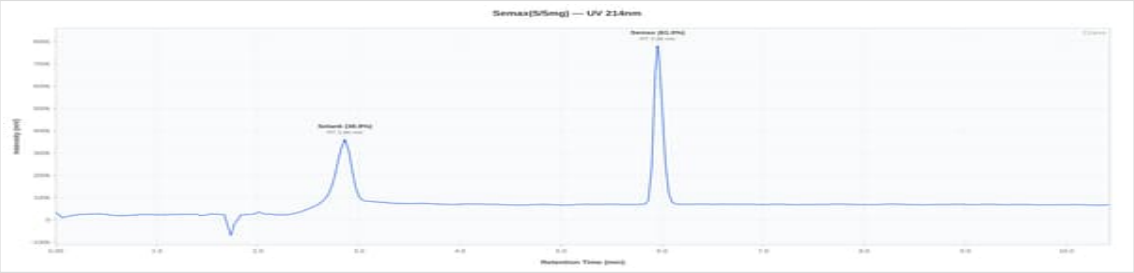
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HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.88% purity, closest to batch mean of 99.89%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.88%	10.64 mg	Confirmed	**PASS**
Conformity V1	99.90%	10.37 mg	Confirmed	**PASS**
Mean	**99.89%**	**10.50 mg**	—	—
Std Dev	**0.0100%**	**0.1350 mg**	—	—

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**0.057 EU/mL**	**Reported**

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

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Accession #:	**ACC-2026-2747**	Appearance:	**Good**
Concentration:	**5/5mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/18/2026**

Scan to verify authenticity at ils-lab.com

Notes & Methodology

1. Date Tested: 05/26/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS); Additional Tests.
2. The sample was confirmed to be Semax/Selank by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin acceptance limits are product-specific. Results reported for client evaluation.
4. Chromatogram shown is representative: Dedicated V0 (99.88% purity, closest to batch mean of 99.89%).

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