Certificate of Analysis

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

Semax/Selank/Pinealon - 60mg

Tested for: NextGen Peptides
www.NGpeptide.com

PASS

Scan to verify authenticity at ils-lab.com
Access Code: ZQJRQ52N

COA #:	**COA-2026-XQOBBU**	Analysis Date:	**07/08/2026**
Lot Number:	**NSP-SSP-01**	Appearance:	**Good**
Accession #:	**ACC-2026-7211**	Sample Matrix:	**Liquid/Solution**
Labeled Content:	**60mg**	Date Received:	**06/30/2026**

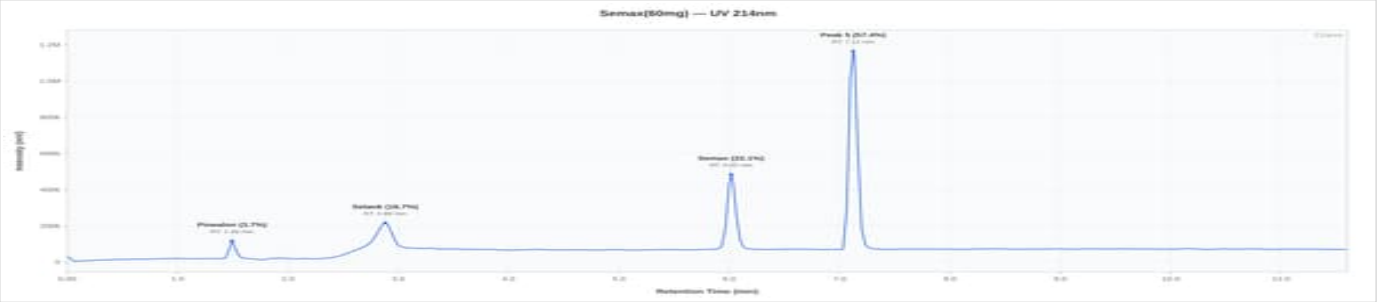
Method: **Full QC Panel**

Identity	Peptide Purity	
Semax/Selank/Pinealon	**99.63%**	**Fentanyl Free**

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.63%**	%	**PASS**
Net Blend Peptide Content	Report Only	**63.59**	mg	N/A
-- Semax		*21.30*	*mg*	
-- Selank		*21.11*	*mg*	
-- Pinealon		*21.18*	*mg*	
Identity (HPLC-RTM)	SEMAX + SELANK + PINEALON	**Confirmed**	-	**PASS**
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**Not Detected**	ppm	**PASS**
Cadmium (Cd)	<= 0.5 ppm	**Not Detected**	ppm	**PASS**
Lead (Pb)	<= 1.0 ppm	**Not Detected**	ppm	**PASS**
Mercury (Hg)	<= 1.5 ppm	**Not Detected**	ppm	**PASS**
Chromium (Cr)	<= 10.0 ppm	**Not Detected**	ppm	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Semax/Selank/Pinealon 60mg - NSP-SSP-01: UV Chromatogram

Dr. Greg Kalyuzhny
Lab Director
7/8/2026

COA #: **COA-2026-XQOBBU**
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Verify: portal.ils-lab.com/verify/qlRxsqCHXF25uJK0
Issued: 7/8/2026

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	**0.16 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.

Notes & Methodology

1. Date Tested: 07/08/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Semax/Selank/Pinealon by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client 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 calculated from total net peptide content using the manufacturer's stated formulation ratio (Semax, Selank, Pinealon). All components confirmed present by HPLC identity testing, unless explicitly stated otherwise.

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