

ILS Laboratories

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(619) 329-3999 | ils-lab.com

Semax - 40mg

Tested for: NextGen Peptides
www.NGpeptide.com

COA #: COA-2026-ICT4O_
Lot Number: NSP-SMX-01
Accession #: ACC-2026-3614
Labeled Content: 40mg

Method: Full QC Panel
Analysis Date: 06/05/2026
Appearance: Good
Sample Matrix: Liquid/Solution
Date Received: 05/31/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: 3ZD7QB4P

Identity

Semax



Full QC Panel

Analyte	Specification	Result	Unit	Status
Identity (HPLC-RTM)	Semax	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

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
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	PASS

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	NMT 0.05 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

- Date Tested: 06/05/2026. Methods: Full QC Panel.
- The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
6/12/2026

COA #: COA-2026-ICT4O_
Access Code: 3ZD7QB4P
Verify: <portal.ils-lab.com/verify/fwyOP5j02WOHWU1W>
Issued: 6/12/2026