# Certificate of Analysis

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

## Semax - 10mg

**PASS**

**Tested for: Glow Aminos**
www.glowaminos.com

| | | | |
|---|---|---|---|
| COA #: | **COA-2026-0001** | Method: | **Full Peptide QC Panel** |
| Lot Number: | **GL-010093** | Analysis Date: | **04/04/2026** |
| Concentration: | **10mg** | Appearance: | **Good** |
| Received: | **04/02/2026** | Volume: | **3ml** |

Scan to verify authenticity at ils-lab.com

| Identity | Purity |
|---|---|
| **Semax** | **99.42%** |



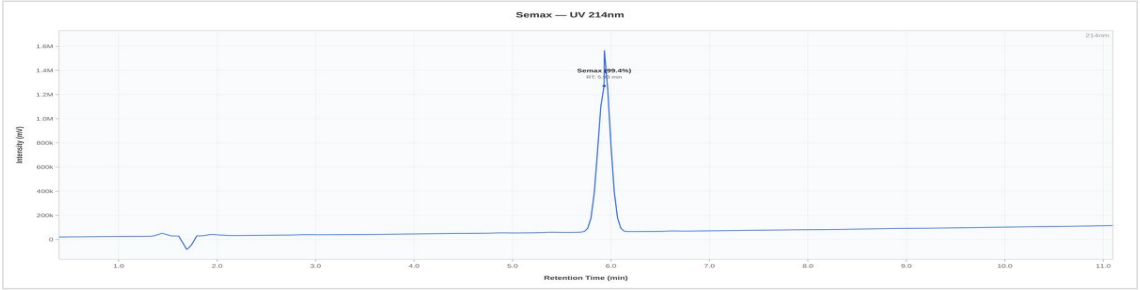

*Semax 10mg - GL-010093*

### Full Peptide QC Panel

| Analyte | Specification | Result | Unit | Status |
|---|---|---|---|---|
| **Purity (HPLC)** | > 98% | **99.42%** | % | **PASS** |
| **Net Peptide Content** | Report Only | **10.44** | mg | N/A |
| **Identity (ID)** | Semax | **Confirmed** | - | **PASS** |
| **Sterility (PCR)** | No Growth | **No Growth** | - | **PASS** |
| **Endotoxin (USP <85>)** | < 0.05 EU/mL | **NMT 0.05 EU/mL** | | **PASS** |
| **Heavy Metals** | | | | |
| **Arsenic (As)** | <= 1.5 ppm | **0.0582 ppm** | ppm | **PASS** |
| **Cadmium (Cd)** | <= 0.5 ppm | **0.0694 ppm** | ppm | **PASS** |
| **Lead (Pb)** | <= 1.0 ppm | **Not Detected** | ppm | **PASS** |
| **Mercury (Hg)** | <= 1.5 ppm | **0.0543 ppm** | ppm | **PASS** |
| **Chromium (Cr)** | <= 10.0 ppm | **Not Detected** | ppm | **PASS** |

Date Tested: 04/04/2026 | Method: Full Peptide QC Panel

### HPLC Chromatogram




*Representative chromatogram, Dedicated Sample 1 (99.42% purity, closest to batch mean of 99.42%)*

**Dr. Greg Kalyuzhny**
Lab Director
4/4/2026

COA #: **COA-2026-0001**
Access Code: **ZVDDNQY0**
Verify: portal.ils-lab.com/verify/T7tR9cwlCAmzRbjD
Issued: 4/4/2026



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*The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.*

### Conformity Testing Results (3 samples tested)

| Sample | Purity | Net Content | ID | Result |
|---|---|---|---|---|
| **Dedicated Sample 1** | 99.42% | 10.44 mg | Confirmed | **PASS** |
| **Conformity Sample 1** | 99.61% | 10.46 mg | Confirmed | **PASS** |
| **Conformity Sample 2** | 99.23% | 10.42 mg | Confirmed | **PASS** |
| **Mean** | **99.42%** | **10.44 mg** | — | — |
| **Std Dev** | **0.1551%** | **0.0163 mg** | — | — |

*Representative chromatogram, Dedicated Sample 1 (99.42% purity, closest to batch mean of 99.42%)*

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