

ILS Laboratories

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

Semax - 40mg

Tested for: Humatide LLC
humatide.com

COA #: COA-2026-XG7KM4
Lot Number: H40SEM060126
Accession #: ACC-2026-5385
Labeled Content: 40mg

Analysis Date: 06/27/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/17/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: JKC4JLDE

Method: Blend Purity & Quant (HPLC)

Identity	Peptide Purity	Fentanyl Free
Semax	99.65%	

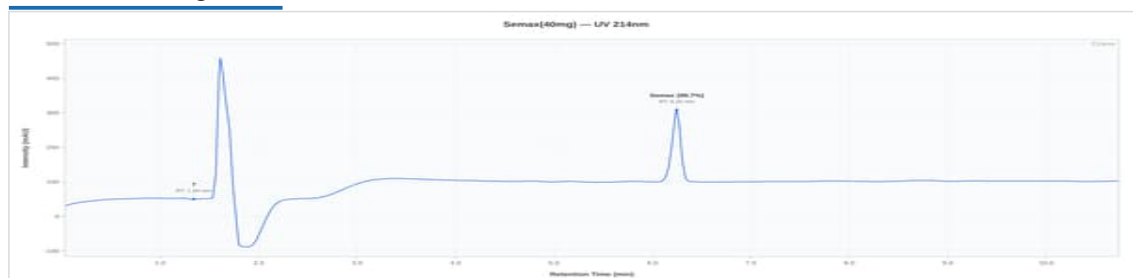
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.65%	%	PASS
Net Peptide Content	Report Only	41.3	mg	N/A
Identity (HPLC-RTM)	Semax	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Semax 40mg - H40SEM060126

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.65% purity, closest to batch mean of 99.13%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.65%	41.3 mg	Confirmed	PASS
Conformity V1	98.60%	40.44 mg	Confirmed	PASS
Mean	99.13%	40.87 mg	—	—
Std Dev	0.5250%	0.4300 mg	—	—

Notes & Methodology

- Date Tested: 06/27/2026. Methods: Blend Purity & Quant (HPLC).
- The sample was confirmed to be Semax by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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.
- Chromatogram shown is representative: Dedicated V0 (99.65% purity, closest to batch mean of 99.13%).



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
6/28/2026

COA #: COA-2026-XG7KM4
Access Code: JKC4JLDE
Verify: <portal.ils-lab.com/verify/fWuedEXOZugDlvuY>
Issued: 6/28/2026