

ILS Laboratories

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Sermorelin - 10mg

Tested for: NextGen Peptides
www.NGpeptide.com

COA #: COA-2026-8MF3AR
Lot Number: SM10-05
Accession #: ACC-2026-7174
Labeled Content: 10mg

Analysis Date: 07/08/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/30/2026

PASS



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

Method: Full QC Panel

Identity

Sermorelin

Peptide Purity

99.57%

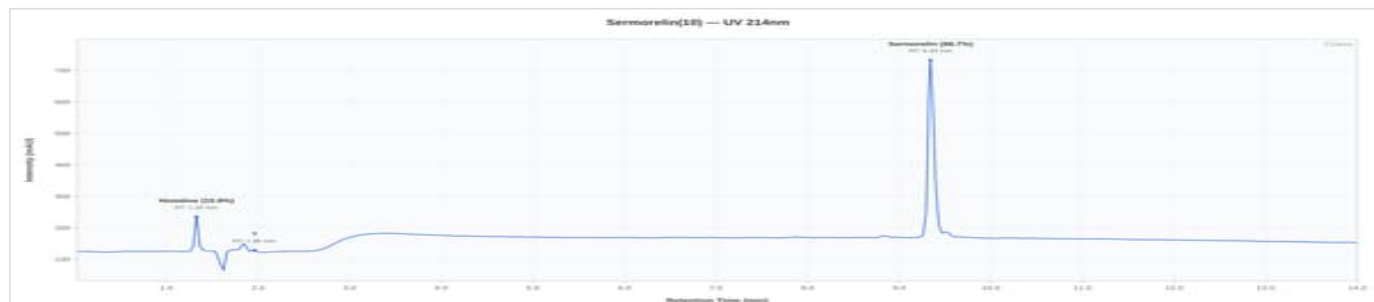


Fentanyl
Free

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.57%	%	PASS
Net Peptide Content	Report Only	10.61	mg	N/A
Identity (HPLC-RTM)	Sermorelin	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V3

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	0.21	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	Not Detected	ppm	PASS
Lead (Pb)	<= 1.0 ppm	0.11	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	0.06	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	Not Detected	ppm	PASS



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
7/8/2026

COA #: COA-2026-8MF3AR
Access Code: GKMDSDUX
Verify: portal.ils-lab.com/verify/IMVUrB2wF-XBWF0R
Issued: 7/8/2026

HPLC Conformity Testing Results (4 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	98.59%	10.46 mg	Confirmed	PASS
Conformity V1	99.57%	10.61 mg	Confirmed	PASS
Conformity V2	99.40%	10.33 mg	Confirmed	PASS
Conformity V3	99.35%	10.66 mg	Confirmed	PASS
Mean	99.23%	10.52 mg	—	—
Std Dev	0.3770%	0.1297 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	0.12 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: 07/08/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
- The sample was confirmed to be Sermorelin by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 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: Conformity V3 (99.35% purity, closest to batch mean of 99.23%).