

ILS Laboratories

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Thymosin Alpha-1 - 10mg



Tested for: Glow Aminos
www.glowaminos.com

COA #: COA-2026-413250
Lot Number: GL-010178
Accession #: ACC-2026-6248
Labeled Content: 10mg

Analysis Date: 06/30/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/23/2026

PASS



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

Method: Full QC Panel

Identity	Peptide Purity	Fentanyl Free
Thymosin Alpha-1	99.64%	

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.64%	%	PASS
Net Peptide Content	Report Only	10.57	mg	N/A
Identity (HPLC-RTM)	Thymosin alpha-1	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

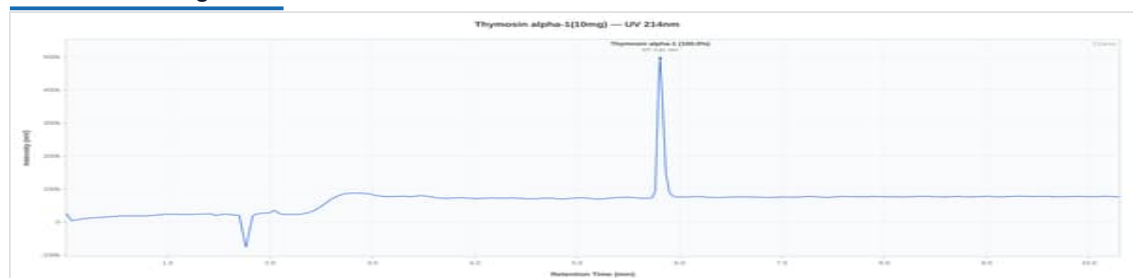


Thymosin Alpha-1 10mg - GL-010178

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	0.344	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	0.132	ppm	PASS
Lead (Pb)	<= 1.0 ppm	0.385	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	0.439	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	0.855	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.34% purity, closest to batch mean of 99.39%)



Dr. Greg Kalyuzhny

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Lab Director
6/30/2026

COA #: COA-2026-413250
Access Code: XXERQMTF
Verify: portal.ils-lab.com/verify/AmKmnS18U2ijXfDR
Issued: 6/30/2026

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.34%	10.65 mg	Confirmed	PASS
Conformity V1	99.19%	10.61 mg	Confirmed	PASS
Conformity V2	99.64%	10.57 mg	Confirmed	PASS
Mean	99.39%	10.61 mg	—	—
Std Dev	0.1871%	0.0327 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	0.078 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: 06/30/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be Thymosin Alpha-1 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. Chromatogram shown is representative: Dedicated V0 (99.34% purity, closest to batch mean of 99.39%).




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