

ILS Laboratories

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

Thymosin Alpha 1 - 10mg

PASS



Tested for: **OneDay Compounds**

2326 Washington Blvd, Fourth Floor, Ogden, UT 84403 | www.onedaycompounds.net

COA #:	COA-2026-W81BAE	Method:	Expanded QC Panel
Lot Number:	OC-TA10-101	Analysis Date:	05/15/2026
Accession #:	ACC-2026-2236	Appearance:	Good
Concentration:	10mg	Volume:	3mL
Sample Matrix:	Lyophilized	Received:	05/11/2026



Scan to verify authenticity at ils-lab.com

Identity	Purity
Thymosin Alpha 1	99.89%

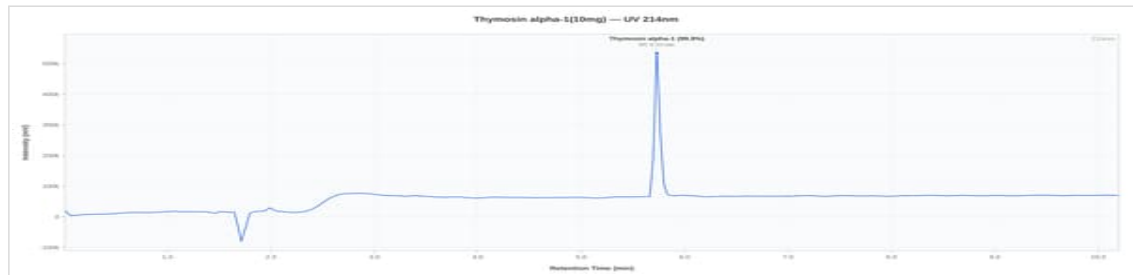


Thymosin Alpha 1 10mg - OC-TA10-101

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.89%	%	PASS
Net Peptide Content	Report Only	10.68	mg	N/A
Identity (ID)	Thymosin Alpha 1	Confirmed	-	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V2 (99.61% purity, closest to batch mean of 99.58%)

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.23%	10.56 mg	Confirmed	PASS
Conformity V1	99.89%	10.68 mg	Confirmed	PASS
Conformity V2	99.61%	10.65 mg	Confirmed	PASS
Mean	99.58%	10.63 mg	—	—
Std Dev	0.2705%	0.0510 mg	—	—




Dr. Greg Kalyuzhny
Lab Director
5/15/2026

COA #: **COA-2026-W81BAE**
Access Code: **T5IKHF3A**
Verify: portal.ils-lab.com/verify/oQYCdHx1r7wqZwZN
Issued: 5/15/2026

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Scan to verify
authenticity at ils-lab.com

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 (USP <71>)

Sample	TSB (Tryptic Soy Broth)	FTM (Fluid Thioglycollate)	Status
Sterility Culture V3	No Growth	No Growth	PASS
Sterility Culture V4	No Growth	No Growth	PASS
Sterility Culture V5	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: 05/15/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be Thymosin Alpha 1 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.
- Chromatogram shown is representative: Conformity V2 (99.61% purity, closest to batch mean of 99.58%).




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Lab Director
5/15/2026

COA #: **COA-2026-W81BAE**
Access Code: **T5IKHF3A**
Verify: <portal.ils-lab.com/verify/oQYCdHx1r7wqZwZN>
Issued: 5/15/2026