

ILS Laboratories

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Thymosin Alpha-1 - 5mg

Tested for: Jarp Bio LLC
jarpbio.com

COA #: **COA-2026-6PJXDK**
Lot Number: **5THYA2608BT01**
Labeled Content: **5mg**
Volume: **2mL**

Analysis Date: **08/28/2026**
Appearance: **Good**
Volume: **2mL**
Date Received: **08/20/2026**

Method: **Purity, Identity & Quantitation (HPLC)**

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: 268UR4NE

Identity	Peptide Purity	Fentanyl Free
Thymosin Alpha-1	99.90%	

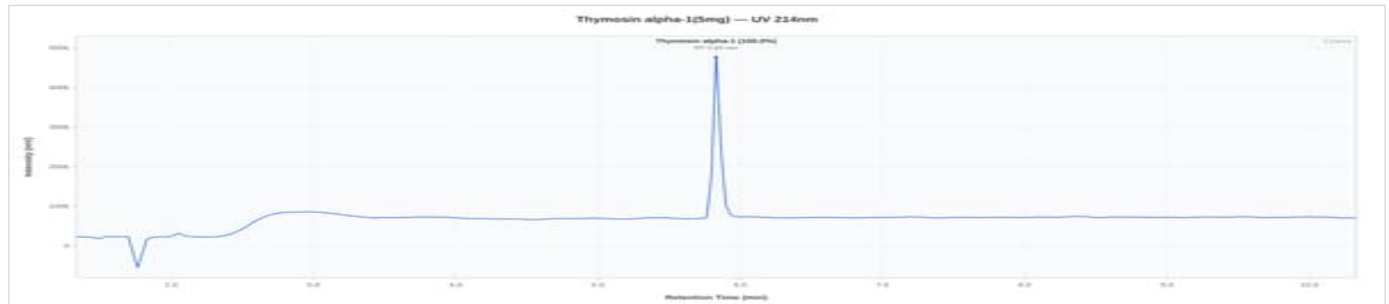
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Net Peptide Content	Report Only	5.14	mg	N/A
Identity (HPLC-RTM)	Thymosin alpha-1	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Thymosin Alpha-1 5mg - 5THYA2608BT01

HPLC Chromatogram



Notes & Methodology

- Date Tested: 08/28/2026. Methods: Purity, Identity & Quantitation (HPLC).
- The sample was confirmed to be Thymosin Alpha-1 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.
- Purity values are capped at 99.9% to reflect instrument limit of detection (LOD). Trace impurities below the detection threshold may be present.
- Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
- This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.