

Sample Received: **14 Jul 2026**

Report Date: **17 Jul 2026**

COA Issued: **17 Jul 2026**

PRODUCT INFORMATION

CLIENT Blitzlab.eu	SAMPLE NAME Thymosin Alpha-1 10 mg	SAMPLE TYPE White Lyophilized Powder	MOLECULAR WEIGHT 3108.3 g/mol
BATCH NUMBER BL-000620	CHAIN OF CUSTODY ID COC-6-00620	LABORATORY REPORT ID LR-6-00620	DATE OF ANALYSIS 16 Jul 2026

ANALYTICAL METHODS

Primary Method: HPLC-UV coupled with Mass Spectrometry (LC-MS) · Identity: Mass Spectrometric Molecular Weight Confirmation · Purity: Reverse-Phase HPLC (214 nm)

TEST RESULTS

SPECIFICATION	RESULT	METHOD	STATUS
Reference Standard	Batch Avg. Purity >99.0%	Certified Reference Material	✓ Confirmed
Identity Confirmation	Thymosin Alpha-1	ESI-LC-MS	✓ Confirmed
Purity (HPLC)	99.22%	RP-HPLC (214 nm)	✓ PASS
Content Assay	10.52 mg/vial	HPLC Quantitation	✓ PASS
Endotoxin Safety Screen	<0.5 EU/mL	LAL Assay	✓ PASS
Heavy Metal Screen	Negative	ICP-MS	✓ PASS
Microbial Sterility Screen	No Growth Detected	USP <71>	✓ PASS

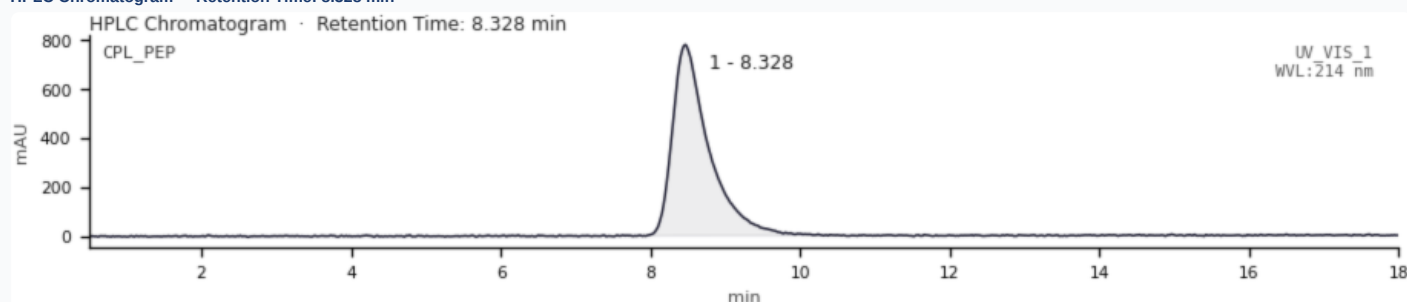


CONFIRMED

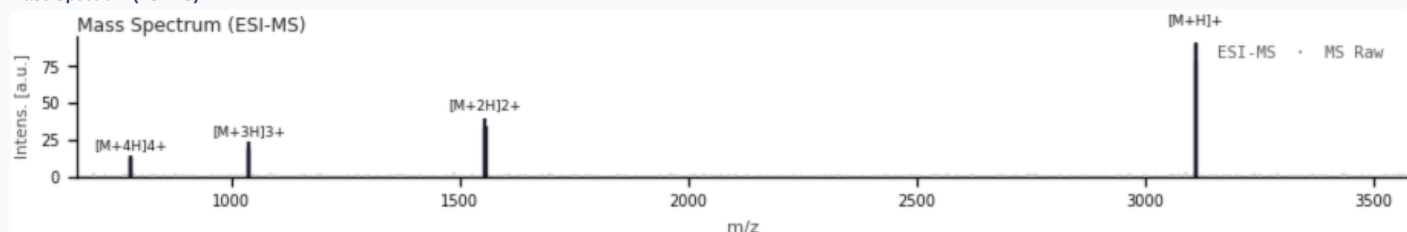
Sample meets all established analytical specifications for research use.

ANALYTICAL DATA

HPLC Chromatogram · Retention Time: 8.328 min



Mass Spectrum (ESI-MS)



CHROMATOGRAM SUMMARY

PK#	RT (MIN)	AREA	HEIGHT	AREA%
1	8.328	72,396	13,446	99.220
2	9.202	569	194	0.780
Total		72,965		100.000

Verified at: <https://clearpeaklabs.com/verify/CPL-2026-00620>

This COA is issued by ClearPeak Labs (clearpeaklabs.com) for research purposes only. Results apply to the submitted sample. Retain this document for quality records.

Contact: info@clearpeaklabs.com

Dr. Marcus Hartwig

Received & released 17/07 - MH

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