

Independent Research Testing Center
875 Innovation Drive, Cambridge, MA 02139, USA

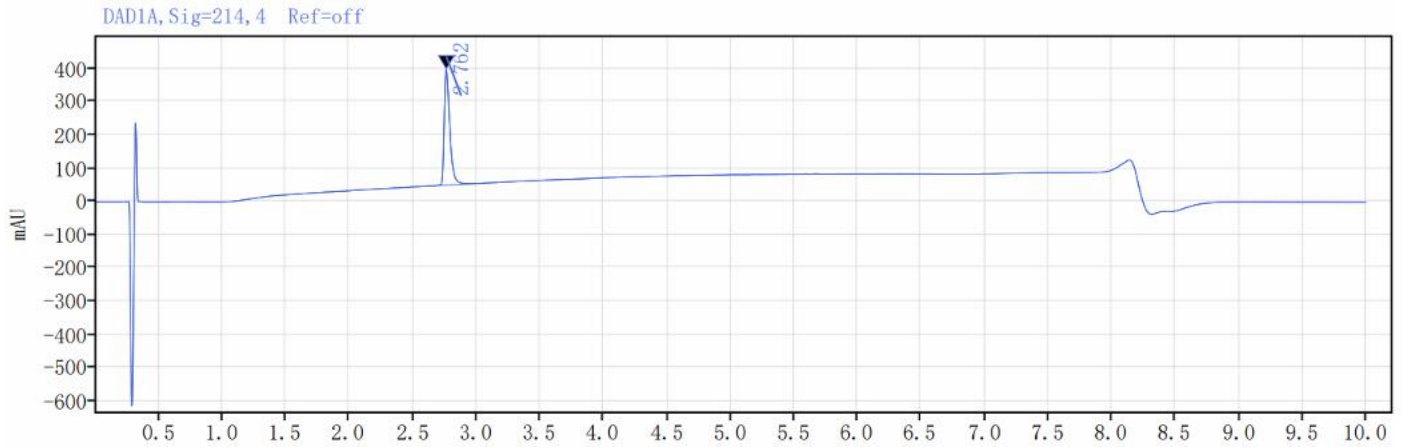
CERTIFICATE OF ANALYSIS (COA)

Product Name	Thymalin 10 mg (Injectable Research Vial)
Chemical Name	Thymalin (thymus polypeptide fraction)
CAS Number	Not assigned (polypeptide complex)
Batch / Lot Number	THML100502
Manufacturing Date	2026-05-02
Retest / Expiry Date	2028-05-02
Net Content	10 mg per vial
Storage Conditions	Store at 2–8°C, protected from light and moisture
Appearance	White to off-white lyophilized powder
Molecular Formula / MW	Thymic polypeptide complex / < 10,000 Da

Analytical Results

Test Item	Specification	Result	Method
Identification	Conforms	Conforms	LC-MS
Purity (HPLC)	≥98.0%	99.12%	HPLC
Peptide Content	95.0–105.0%	99.2%	HPLC
Appearance	White to off-white lyophilized powder	Conforms	Visual
Water Content	≤3.0%	1.3%	Karl Fischer
Heavy Metals	≤10 ppm	<10 ppm	ICP-MS
Endotoxin	<10 EU/mg	<10 EU/mg	LAL Test

HPLC Chromatogram



For laboratory research use only. Not for human consumption.

Tester Name	Dr. Michael Carter
Signature	
Test Date	2026-05-18