



Report #:

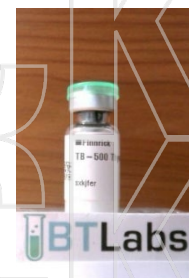
IF-824-QSA-TR006-BTL2608-48

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Title:

## Certificate of Analysis (CoA)

**Date:** 3/10/2026  
**Date Tested:** 3/7/2026  
**Customer:** Finnrick  
**Testing material:** TB-500 Thymosin Beta-4  
**Lot Number:** SXKJFER  
**BT Sample ID:** 005000039180644  
**Labeled Peptide Content/Potency:** 5 mg  
**Storage:** R.T.  
**Visual Description:** small clear vial: white sample, white label, silver crimp, neon green plastic cap.  
**Labeled as:** TB-500 Thymosin Beta-4  
**Manufacturer:** n/a  
**Testing Purpose:** FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	67.6 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of TB-500 Thymosin Beta-4 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 5 mg	5.4 mg (107.7 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	5.4 : 62.2 mg (1:11.5)

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

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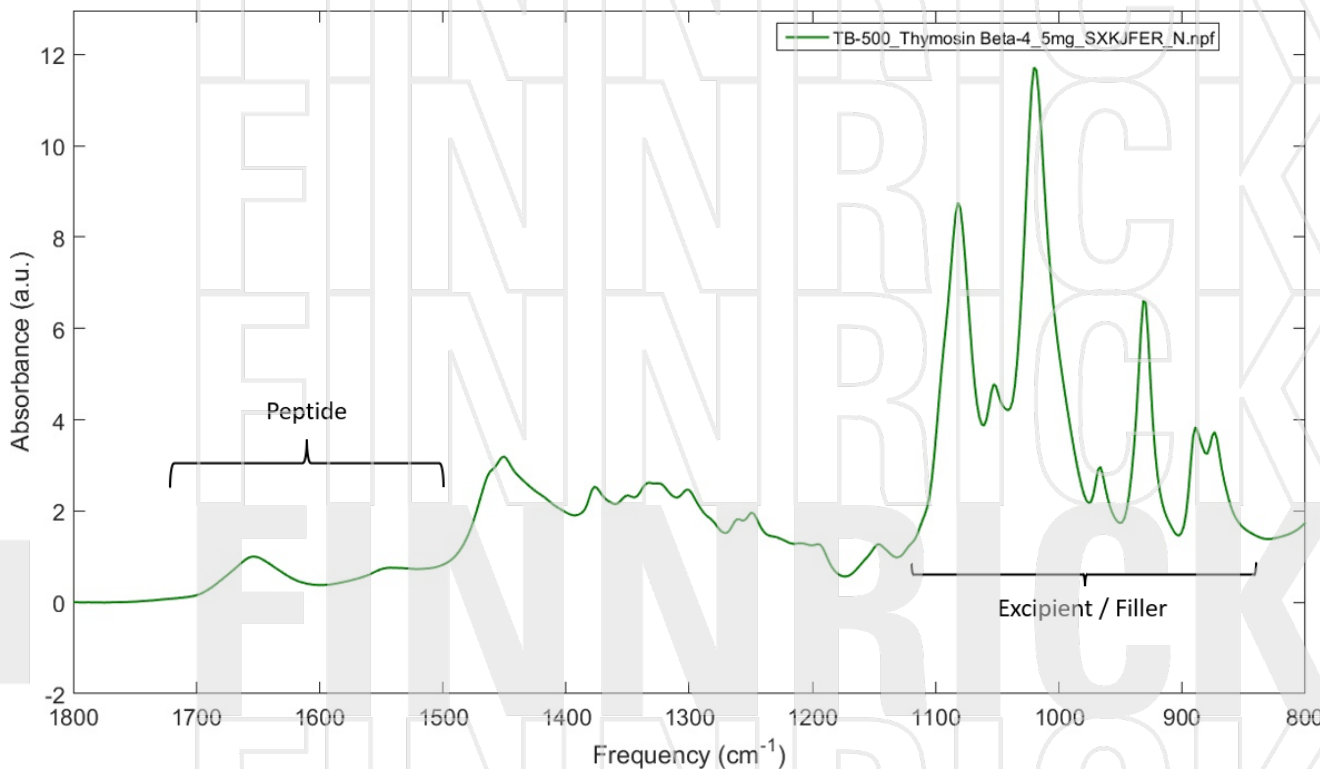
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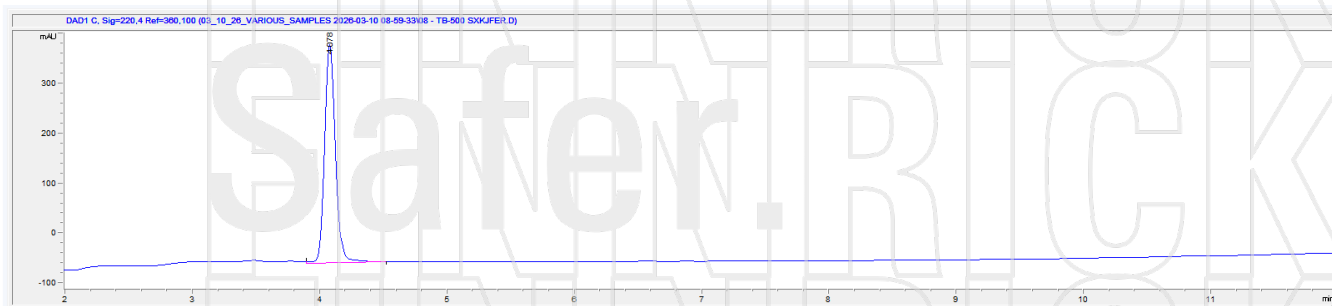
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# Certificate of Analysis (CoA)

## FTIR ID and Composition Analysis: TB-500 Thymosin Beta-4 Lot SXXJFER



## HPLC Purity and Potency Assay @ 220 nm: TB-500 Thymosin Beta-4 Lot SXXJFER



TB-500 Thymosin Beta-4 Lot SXXJFER @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	4.078	2638.2

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