



Report #:

IF-824-QSA-TR006-BTL26894-07

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Title:

Certificate of Analysis (CoA)

Date: 7/3/2026
Date Tested: 7/1/2026
Customer: Pax Peptide
Testing material: Thymosin Beta 4 Acetate
Lot Number: BT1003
BT Sample ID: 005000040638540
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, red plastic cap.
Labeled as: TB-500
Manufacturer: Pax Peptide
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	57.8 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 Thymosin Beta 4 Acetate with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 5 mg	6.5 mg (130 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	6.5 : 51.3 mg (1:7.9)

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

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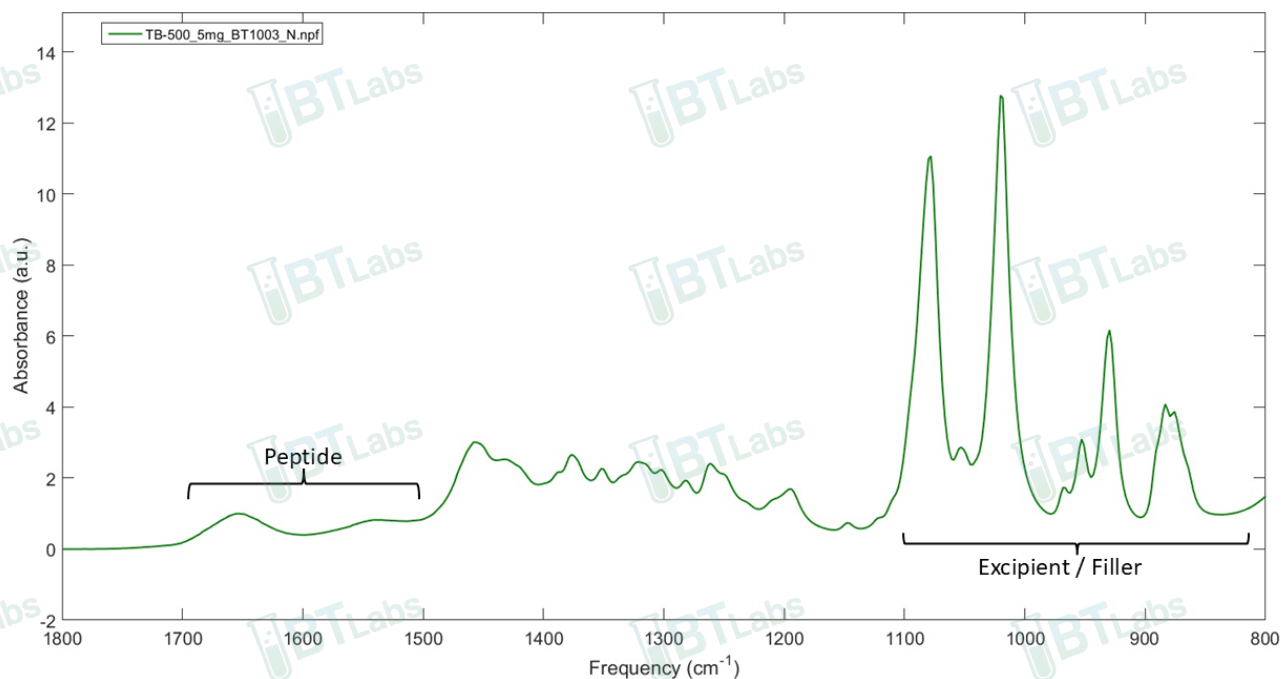
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

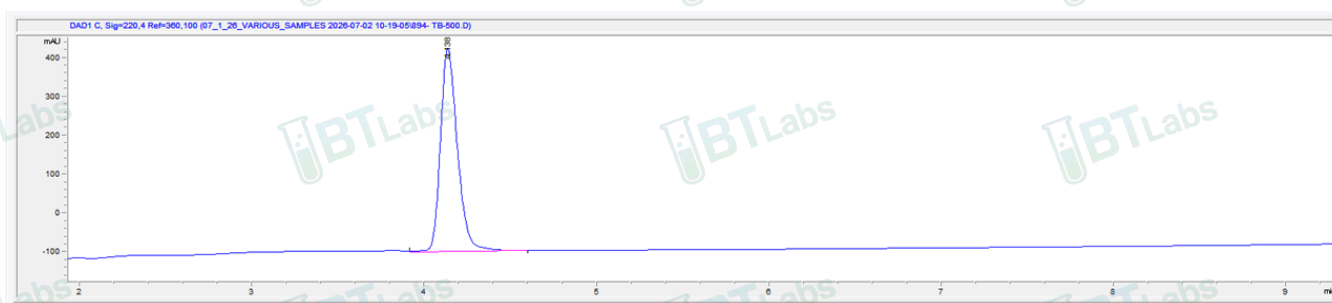
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FTIR ID and Composition Analysis: TB-500 Lot BT1003



HPLC Purity and Potency Assay @ 220 nm: TB-500 Lot BT1003



Thymosin Beta 4 Acetate Lot BT1003 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.138	3619