



Title:

Certificate of Analysis (CoA)

Date:	4/6/2026	
Date Tested:	4/3/2026	
Customer:	Finnrick	
Testing material:	TB-500	
Lot Number:	PT-98C6DAED9458-2	
BT Sample ID:	005000039517598	
Labeled Peptide		
Content/Potency:	10 mg	
Storage:	R.T.	
Visual Description:	Small clear vial: white sample, tan label, silver crimp, red plastic cap.	
Labeled as:	TB-500	
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	73.8 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 TB-500 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.3 mg (113 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.3 : 62.5 mg (1:5.5)

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

Andrea Castro, AS
Scientist-II
BTLabs

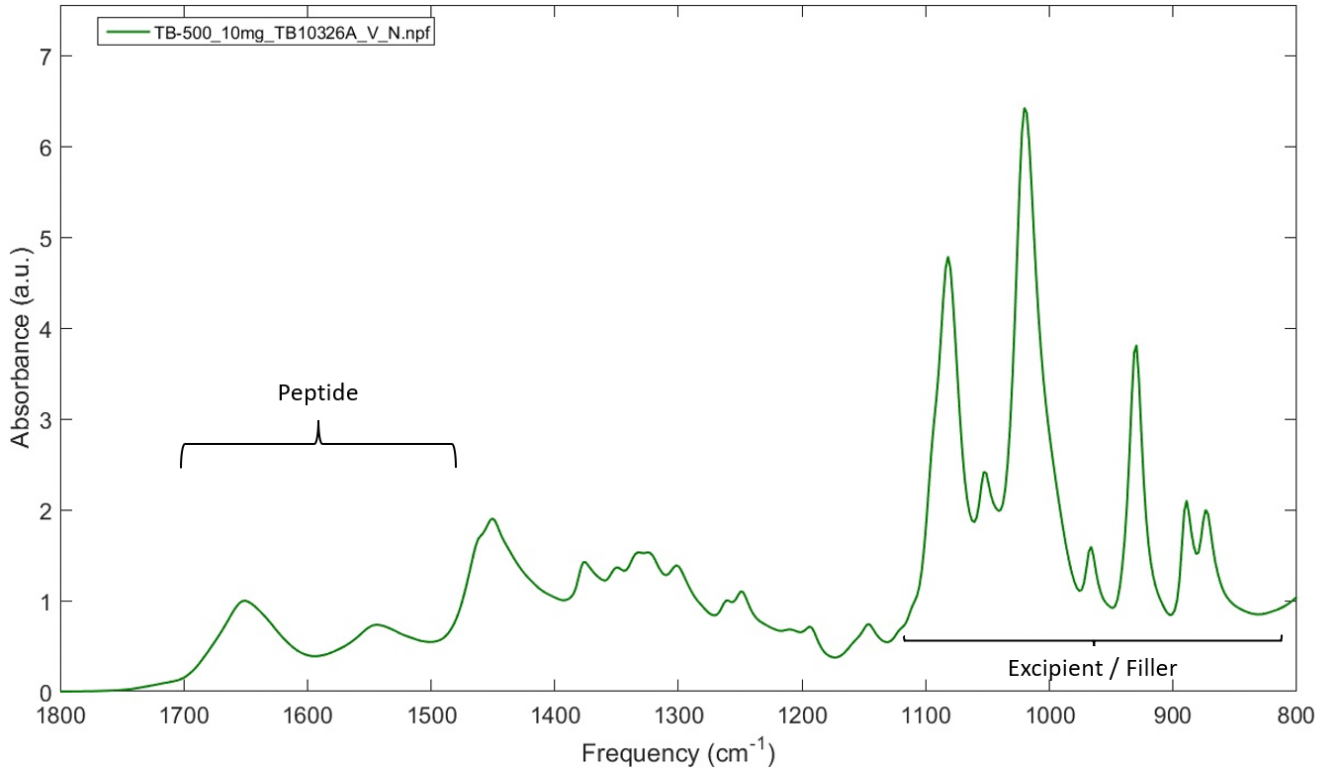
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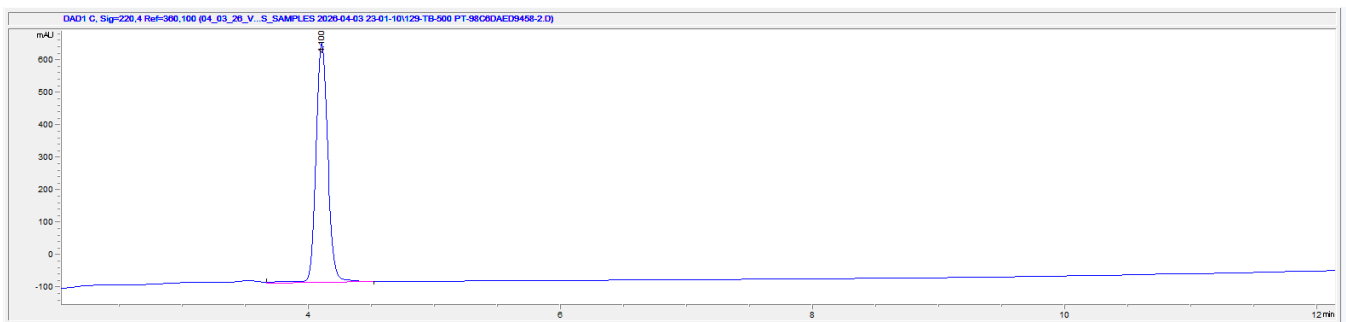
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FTIR ID and Composition Analysis: TB-500 Lot PT-98C6DAED9458-2



HPLC Purity and Potency Assay @ 220 nm: TB-500 Lot PT-98C6DAED9458-2



TB-500 Lot PT-98C6DAED9458-2 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.1	4923.9