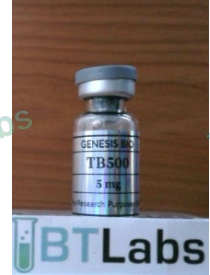




Title:


Certificate of Analysis (CoA)

Date: 3/9/2026
Date Tested: 3/7/2026
Customer: Genesis Bio
Testing material: TB500
Lot Number: unspecified
BT Sample ID: 005000039180899
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: small clear vial: white sample, silver label, silver crimp, grey plastic cap.
Labeled as: TB500
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	68.6 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 TB500 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.2%
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 5 mg	5.7 mg (114.7%)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	5.7 : 62.9 mg (1:11)

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



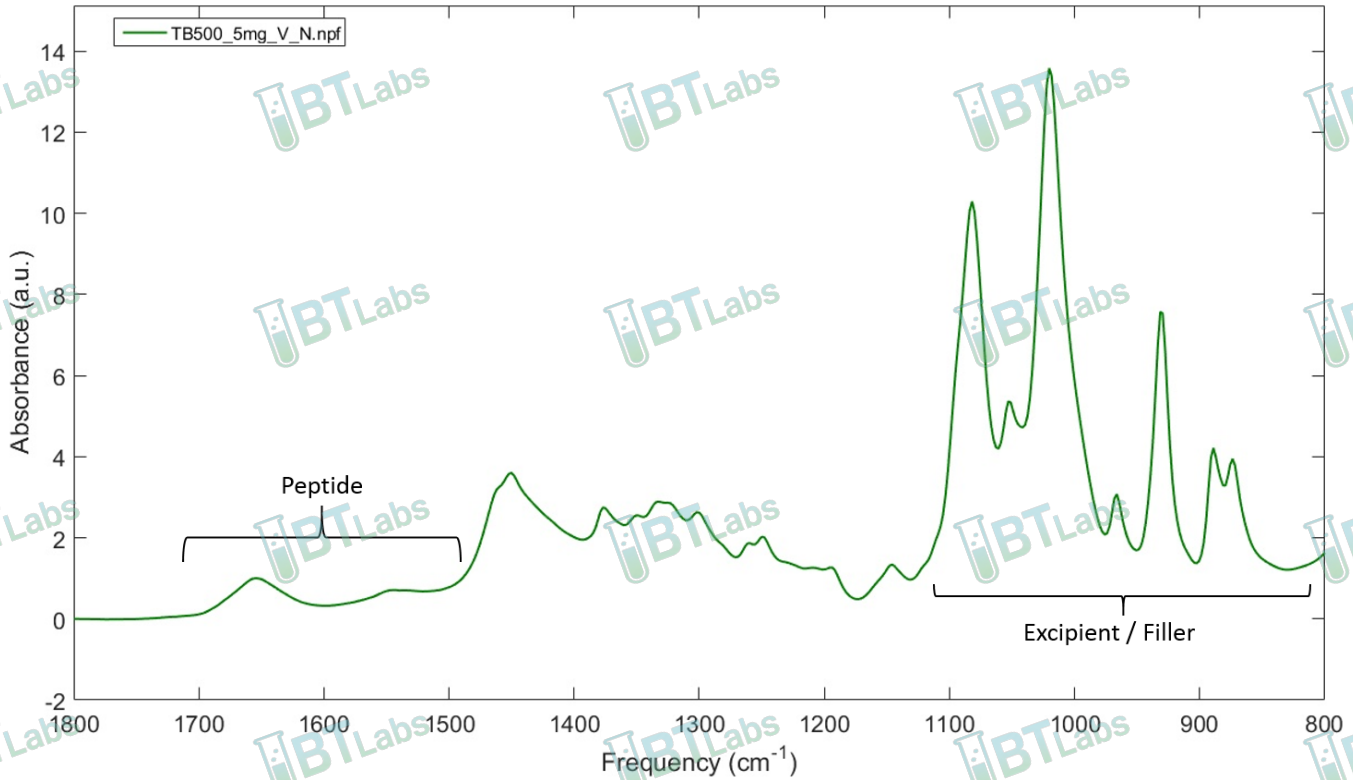
Verna Zheng, AS
Scientist-II
BTLabs



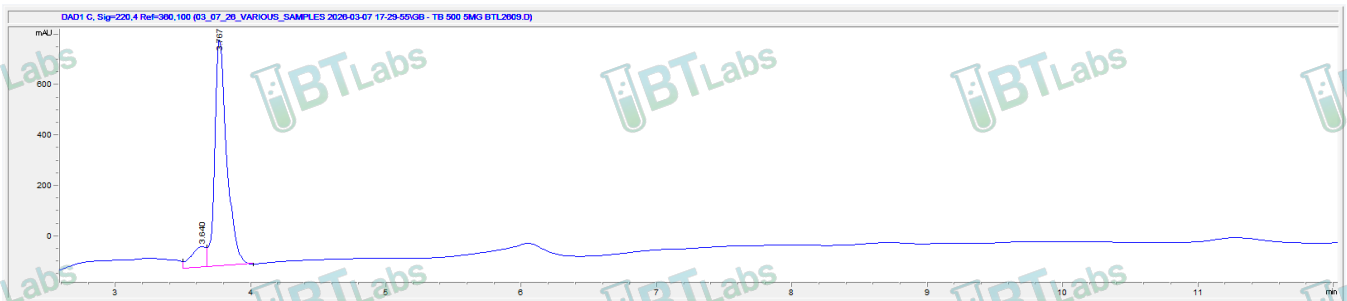
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: TB500 Lot unspecified



HPLC Purity and Potency Assay @ 220 nm: TB500 Lot unspecified



TB500 Lot unspecified @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	3.64	636.1
2	3.767	5503