



Report #:

IF-824-QSA-TR006-BTL260620-02-05

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Title:

Certificate of Analysis (CoA)

Date: 7/7/2026
Date Tested: 7/4/2026
Customer: Sound Tides Bio
Testing material: TB-500
Lot Number: STBT32603-1505_LT26134-005
BT Sample ID: 005000040659627
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white 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	68.8 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: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.7 mg (107.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.7 : 58.1 mg (1:5.4)

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

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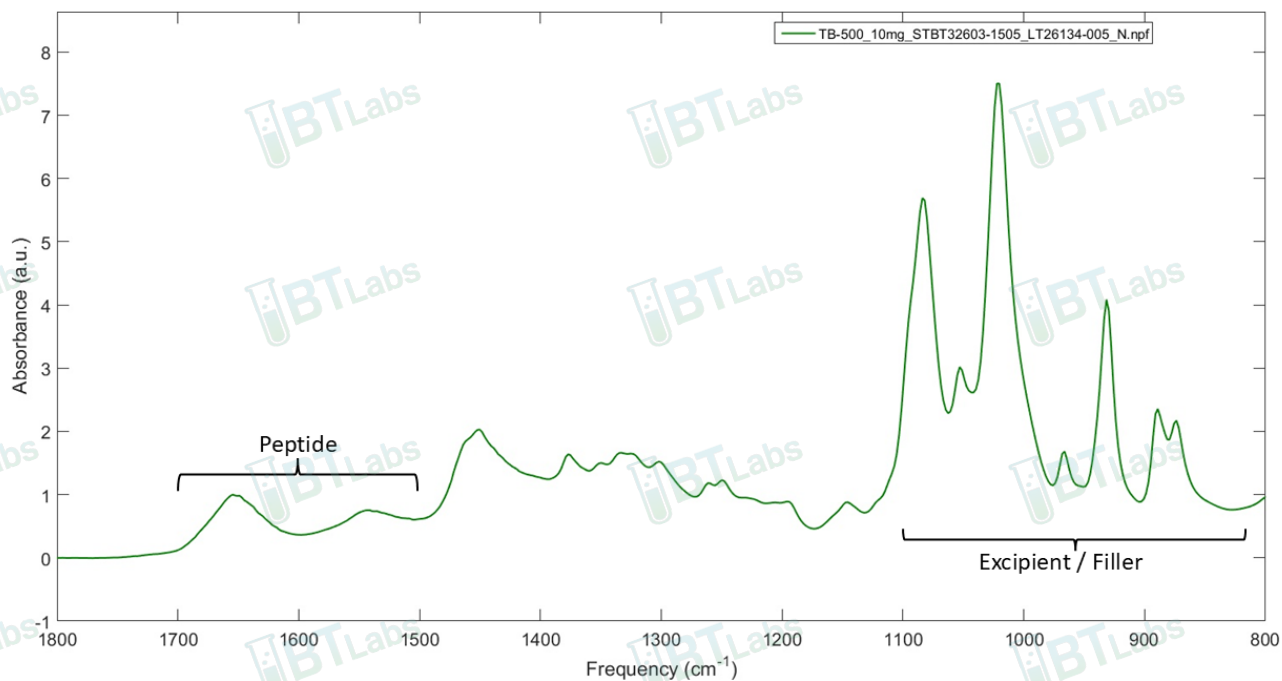
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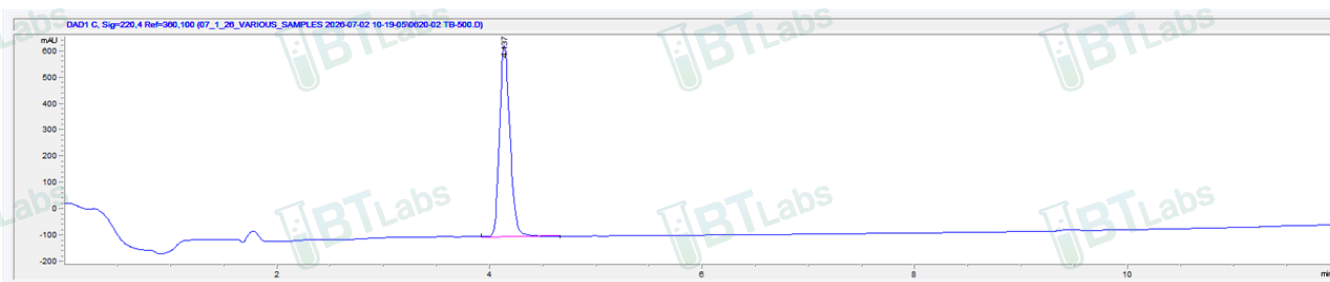
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FTIR ID and Composition Analysis: TB-500 Lot STBT32603-1505 LT26134-005



HPLC Purity and Potency Assay @ 220 nm: TB-500 Lot STBT32603-1505 LT26134-005



TB-500 Lot STBT32603-1505 LT26134-005 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.137	5044.4

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