Title:

Certificate of Analysis (CoA)

Date: 4/24/2026
Date Tested: 4/23/2026
Customer: PepGuys.com
Testing material: Tesamorelin
Lot Number: TE20-U2-15011
BT Sample ID: 005000039769114
Labeled Peptide Content/Potency: 20 mg
Storage: R.T.
Visual Description: small clear vial: white sample, white label, blue crimp, dark blue plastic cap.
Labeled as: Tesamorelin
Manufacturer: PG
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	73.6 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 Tesamorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 20 mg	21.3 mg (106.7 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	21.3 : 52.3 mg (1:2.4)

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

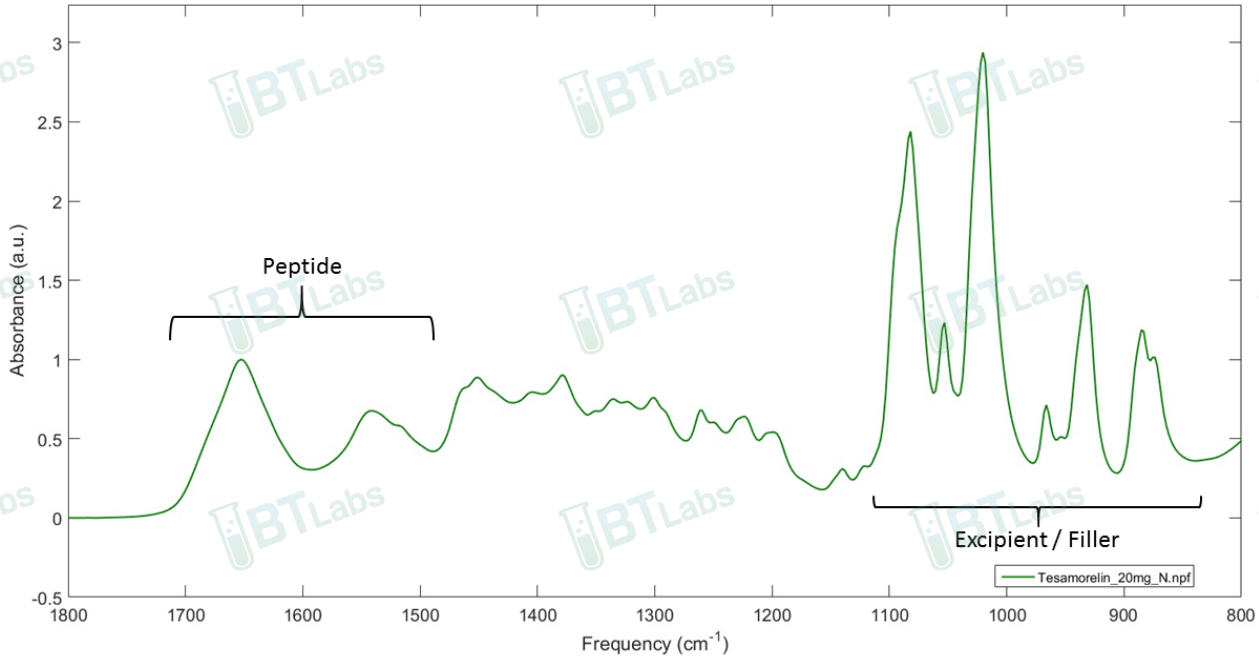
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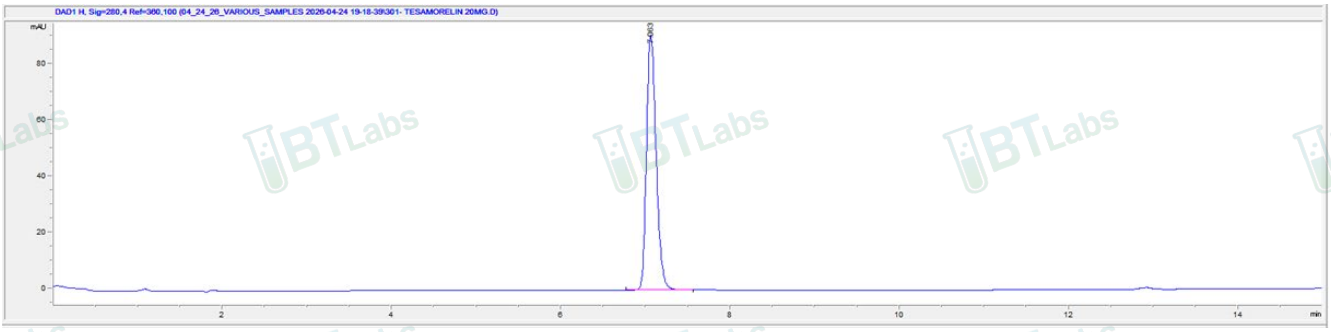
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FTIR ID and Composition Analysis: Tesamorelin Lot TE20-U2-15011



HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot TE20-U2-15011



Tesamorelin Lot TE20-U2-15011 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	7.063	716.7

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