Title:

Certificate of Analysis (CoA)

Date: 5/27/2026
Date Tested: 5/25/2026
Customer: Royal Peptide Labs
Testing material: Tesamorelin
Lot Number: unspecified
BT Sample ID: 005000040146875
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, holographic label, silver crimp, yellow plastic cap.
Labeled as: Tesamorelin
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	101.8 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 Tesamorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.4 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11.5 mg (114.7 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.5 : 90.3 mg (1:7.9)

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

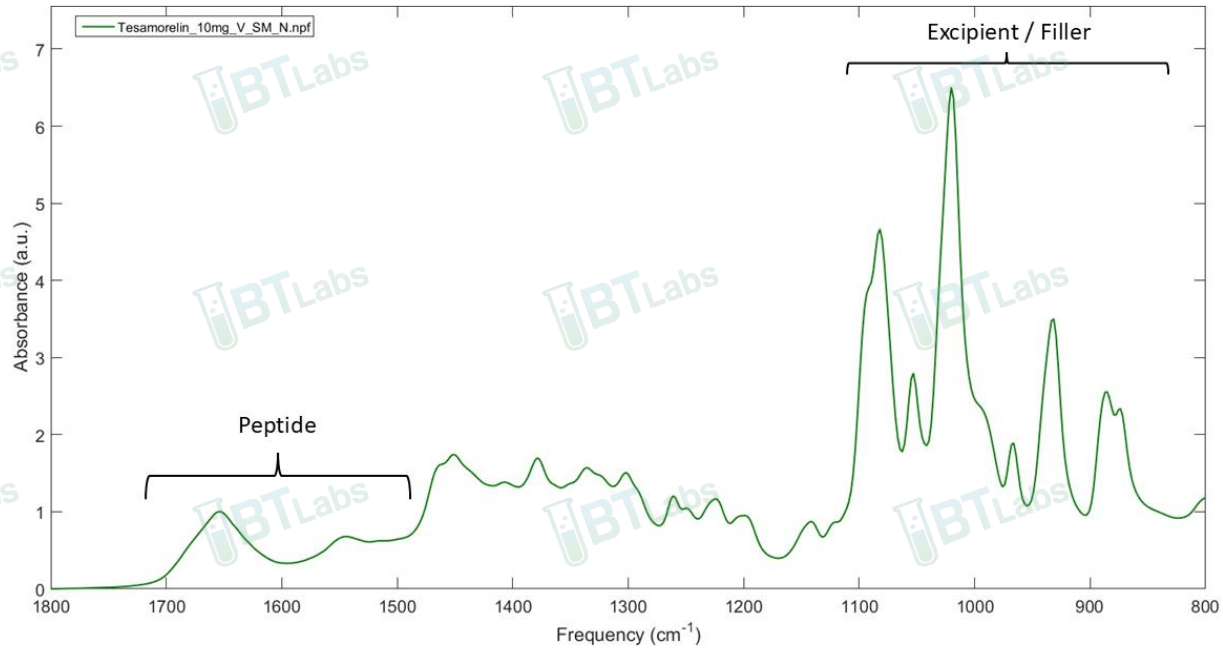
Andrea Castro, AS
Scientist-II
BTLabs

Verna Zheng, AS
Scientist-II
BTLabs

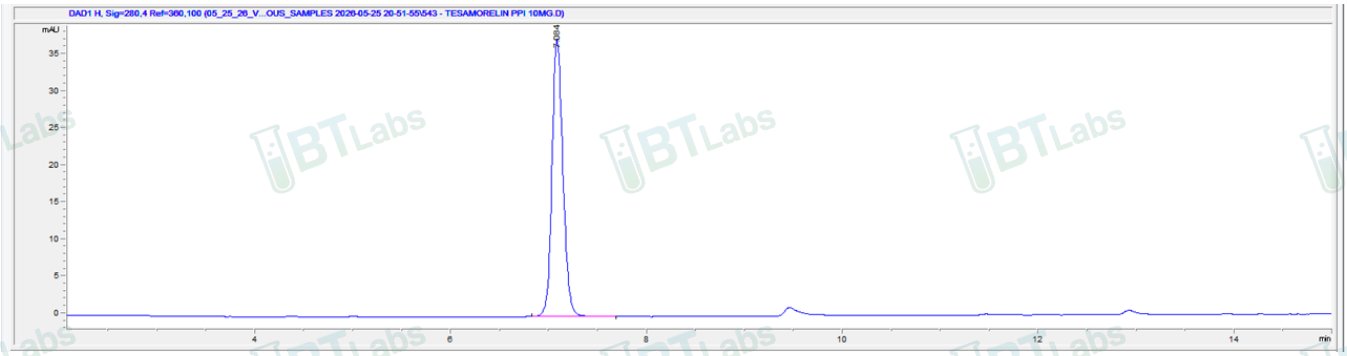
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Tesamorelin Lot unspecified



HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot unspecified



Tesamorelin Lot unspecified @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	7.084	289.3