



Report #:

IF-824-QSA-TR006-BTL26139-06

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Title:

Certificate of Analysis (CoA)

Date: 4/6/2026**Date Tested:****Customer:**

Apex Lab-BW Compounds

Testing material:

orelin

Lot Number:

unspecified

BT Sample ID:

005000039497882

Labeled Peptide**Content/Potency:**

18 mg

Storage:

R.T.

Visual Description:

Small clear vial: white sample, white label, silver crimp, blue plastic cap.

Labeled as:

Tesamorelin Ipamorelin

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	60.3 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 Ipamorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 18 mg	Ipamorelin 7.2 mg (40.1 %) Tesamorelin 16.1 mg (89.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	23.3 : 37 mg (1:1.6)

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

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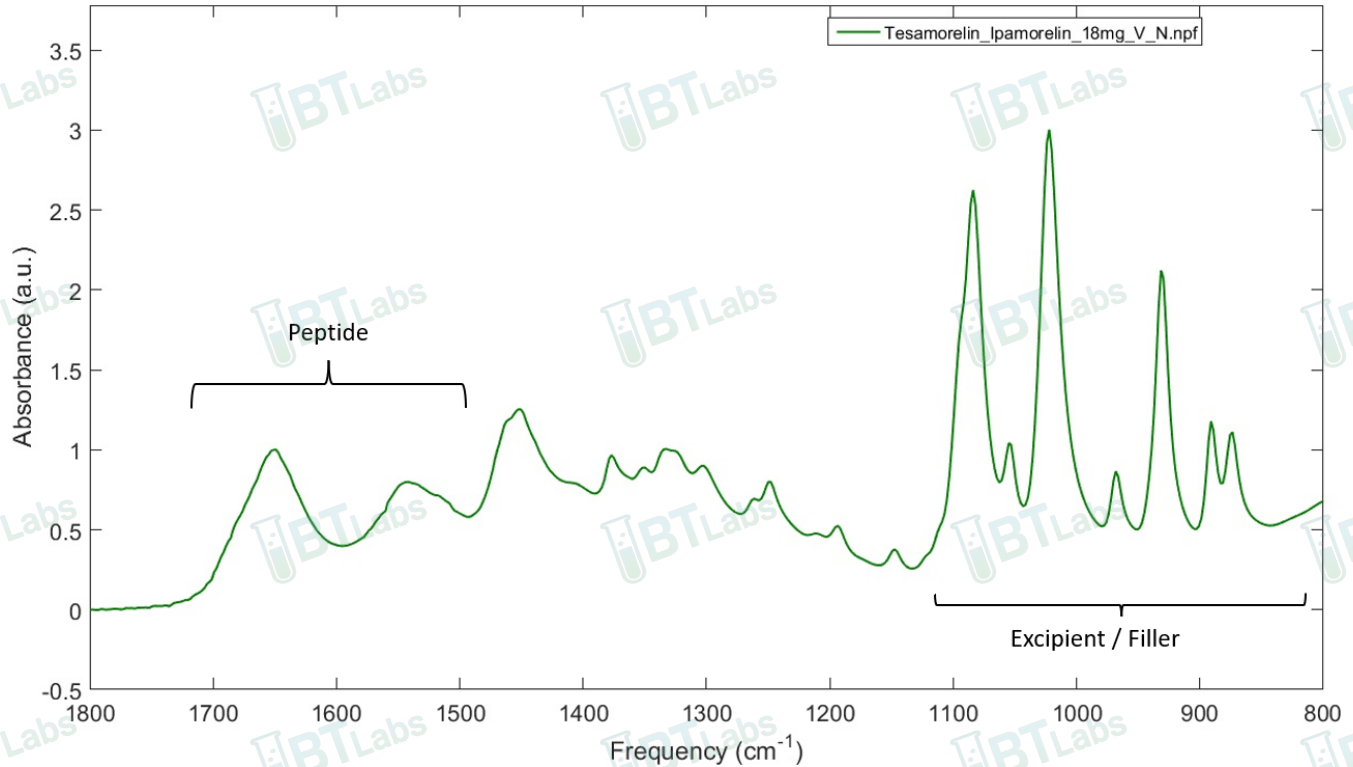
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

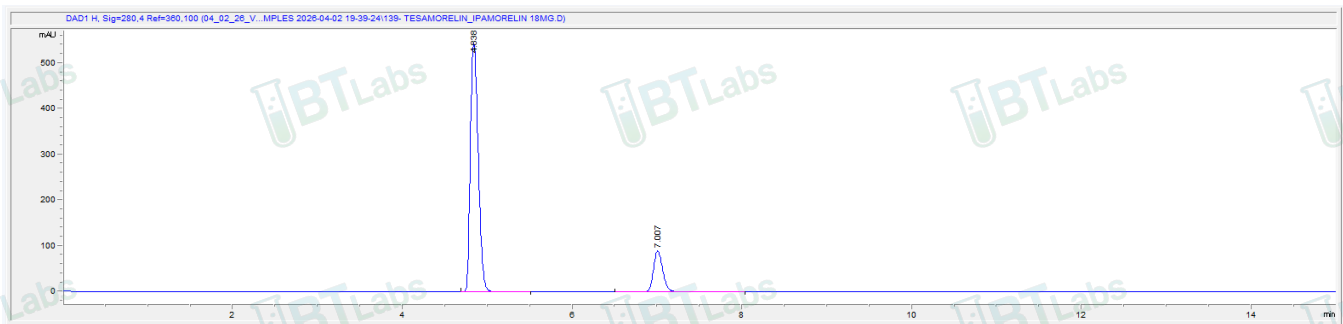
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Tesamorelin Ipamorelin Lot unspecified



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



Tesamorelin Ipamorelin Lot unspecified @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.838	3501.7
2	7.007	685.5

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