



Report #:

IF-824-QSA-TR006-BTL26879-02

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Title:

Certificate of Analysis (CoA)



Date: 7/2/2026
Date Tested: 6/29/2026
Customer: Purpose Labs
Testing material: Tesamorelin
Lot Number: TS_1057
BT Sample ID: 005000040624974
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, silver label, silver crimp, green 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	84.1 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: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 5 mg	4.7 mg (94.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	4.7 : 79.4 mg (1:17)

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

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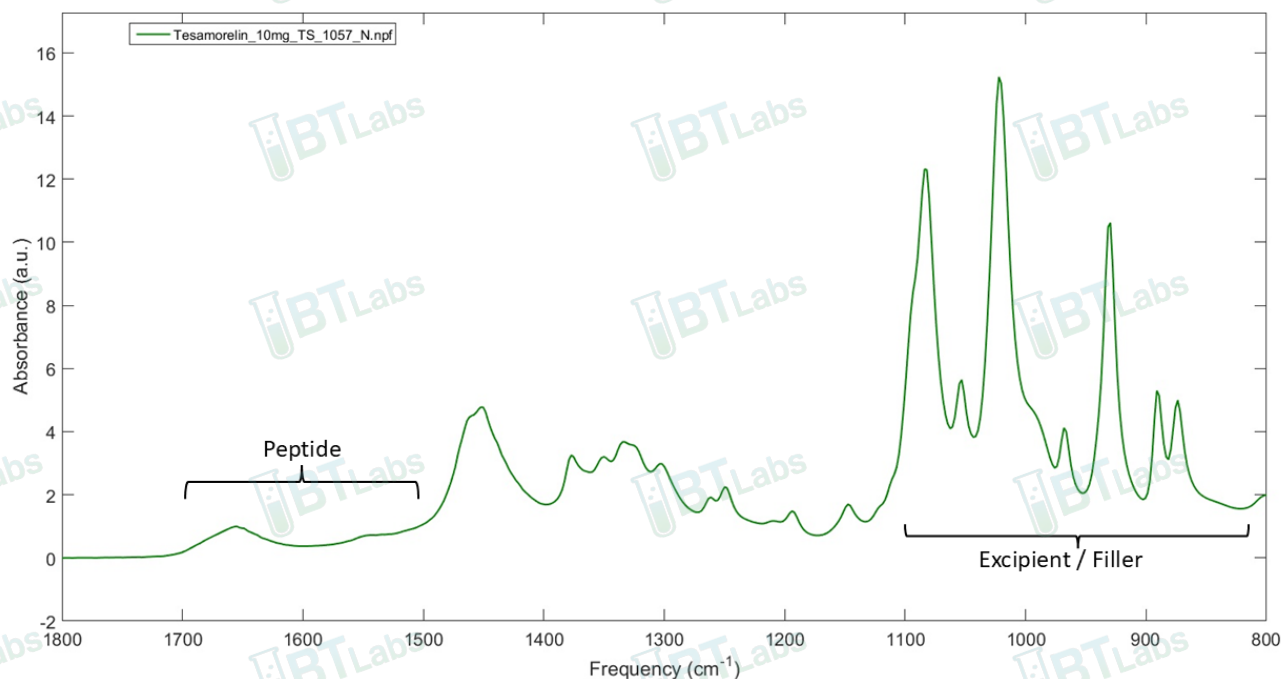
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

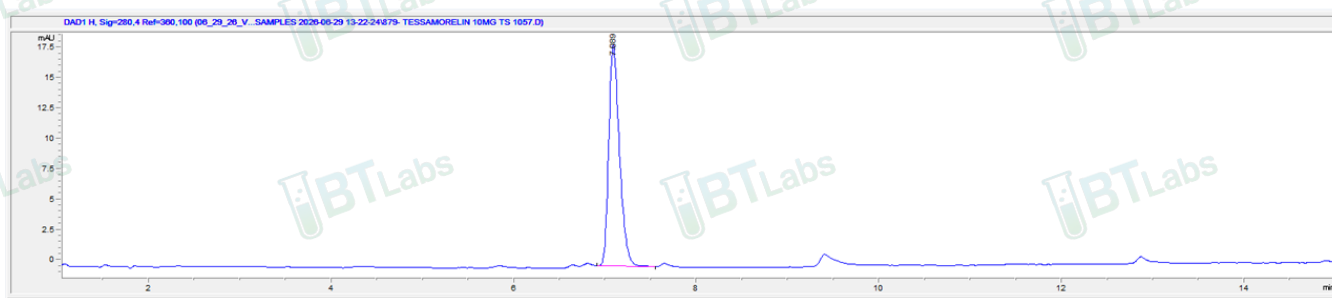
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FTIR ID and Composition Analysis: Tesamorelin Lot TS 1057



HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot TS 1057



Tesamorelin Lot TS 1057 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	7.089	149.2