Title:

# Certificate of Analysis (CoA)




**Date:** 11/14/2026
**Date Tested:** 11/11/2026
**Customer:** Pure Lab Peptides
**Testing material:** Tesamorelin
**Lot Number:** 49370
**Sample ID:** BTL262262-033
**Content/Potency:** 10 mg
**Storage:** R.T.
**Visual Description:** Small clear vial: white sample, white label, silver crimp, purple plastic cap.
**Labeled as:** Tesamorelin
**Manufacturer:** PureLabPeptides.com
**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 | 57.9 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 % | 99.8 % |
| **HPLC Potency Assay** | USP <621> | Specifications: 90 – 110% of 10 mg | 10.9 mg (109.4 %) |
| **Peptide-to-Excipients Ratio** | USP <1151> | Recommended ratios of (1:0) to (1:10) for (peptide: excipients) | 10.9 : 47 mg (1:4.3) |

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

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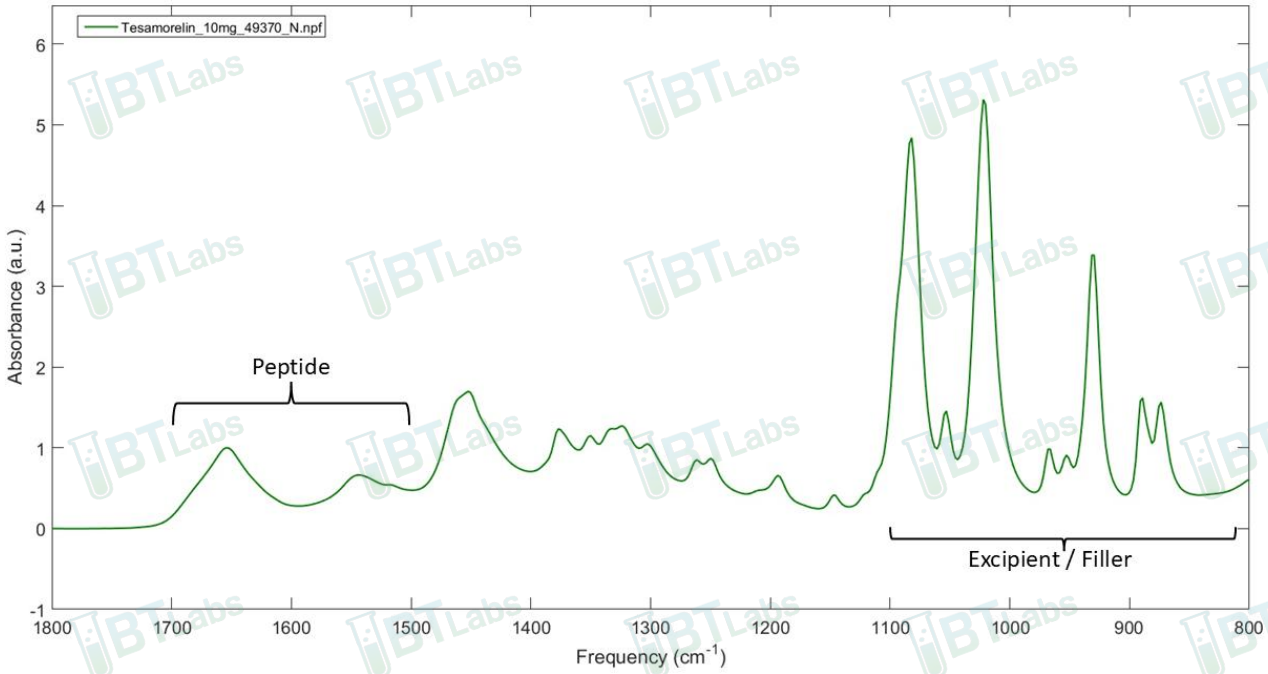
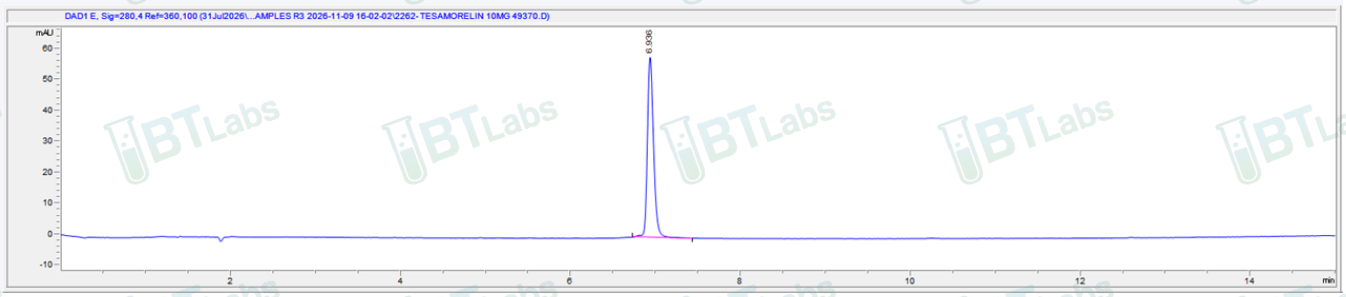
## FTIR ID and Composition Analysis: Tesamorelin Lot 49370




## HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot 49370




| Tesamorelin Lot 49370 @ 280 nm | | |
|---|---|---|
| Peak #: | Retention Time (min) | Area (mAU*s) |
| 1 | 6.936 | 297.2 |

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