



Report #:

COA261043-006

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Title:

## Certificate of Analysis (CoA)



**Date:** 8/10/2026  
**Date Tested:** 8/7/2026  
**Customer:** PepNova Labs  
**Testing material:** Tesamorelin  
**Lot Number:** TSM20-LP-71826  
**Content/Potency:** 20 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, red plastic cap.  
**Labeled as:** Tesamorelin  
**Manufacturer:** PepNova Labs  
**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.



BT Labs

| Test                                         | Method        | Specification                                                                  | Result                                                                                           |
|----------------------------------------------|---------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| General Appearance                           | USP<br><630>  | white powder                                                                   | white powder                                                                                     |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 69.7 mg                                                                                          |
| FTIR Identification and Composition Analysis | USP<br><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<br><621>  | Specifications: $\geq 98\%$                                                    | 99.8 %                                                                                           |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 20 mg                                             | 26 mg (129.8 %)                                                                                  |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 26 : 43.7 mg (1:1.7)                                                                             |

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

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IF - 824 - QSA - TR006

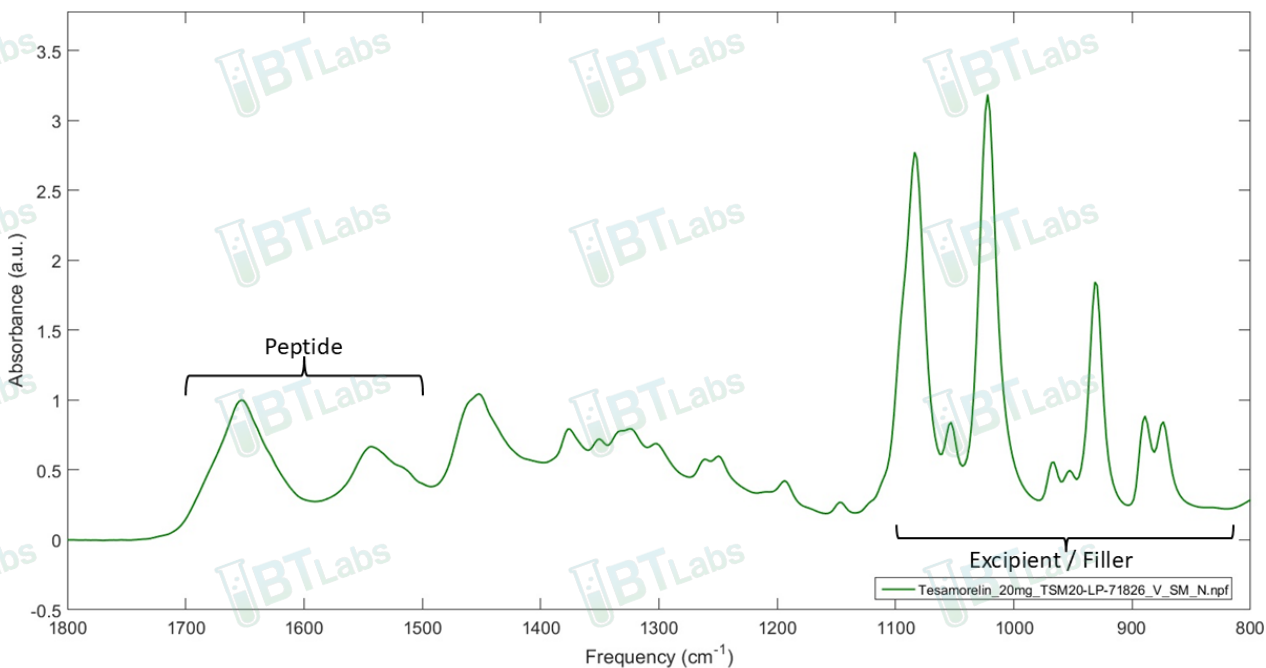
Rev 1.0 January 2025



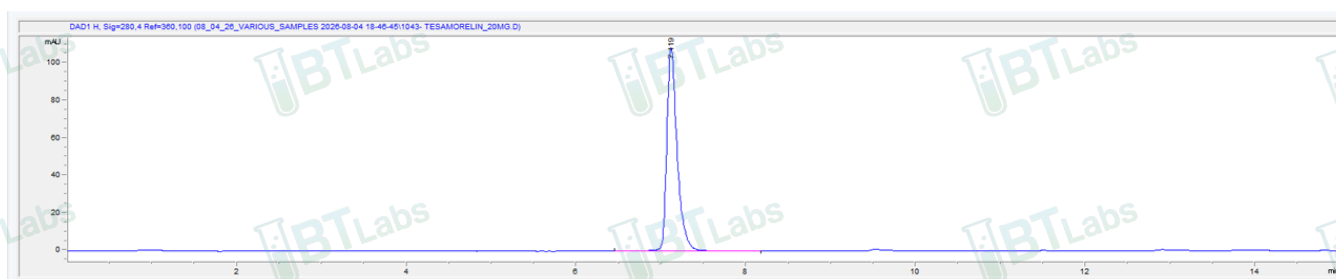
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### FTIR ID and Composition Analysis: Tesamorelin Lot TSM20-LP-71826



### HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot TSM20-LP-71826



| Tesamorelin Lot TSM20-LP-71826 @ 280 nm |                      |              |
|-----------------------------------------|----------------------|--------------|
| Peak #:                                 | Retention Time (min) | Area (mAU*s) |
| 1                                       | 7.119                | 925.5        |