Title:

Certificate of Analysis (CoA)

Date: 9/21/2026
Date Tested: 9/18/2026
Customer: Acme
Testing material: Tesamorelin
Lot Number: PPA-WL-TSM20-P00714
Sample ID: BTL260905-005-002
Content/Potency: 20 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, green label, silver crimp, blue plastic cap.
Labeled as: Tesamorelin
Manufacturer: Lumira
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	101.4 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 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 20 mg	24.2 mg (121 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	24.2 : 77.2 mg (1:3.2)

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

Andrea Castro, BS
Scientist-II
BTLabs

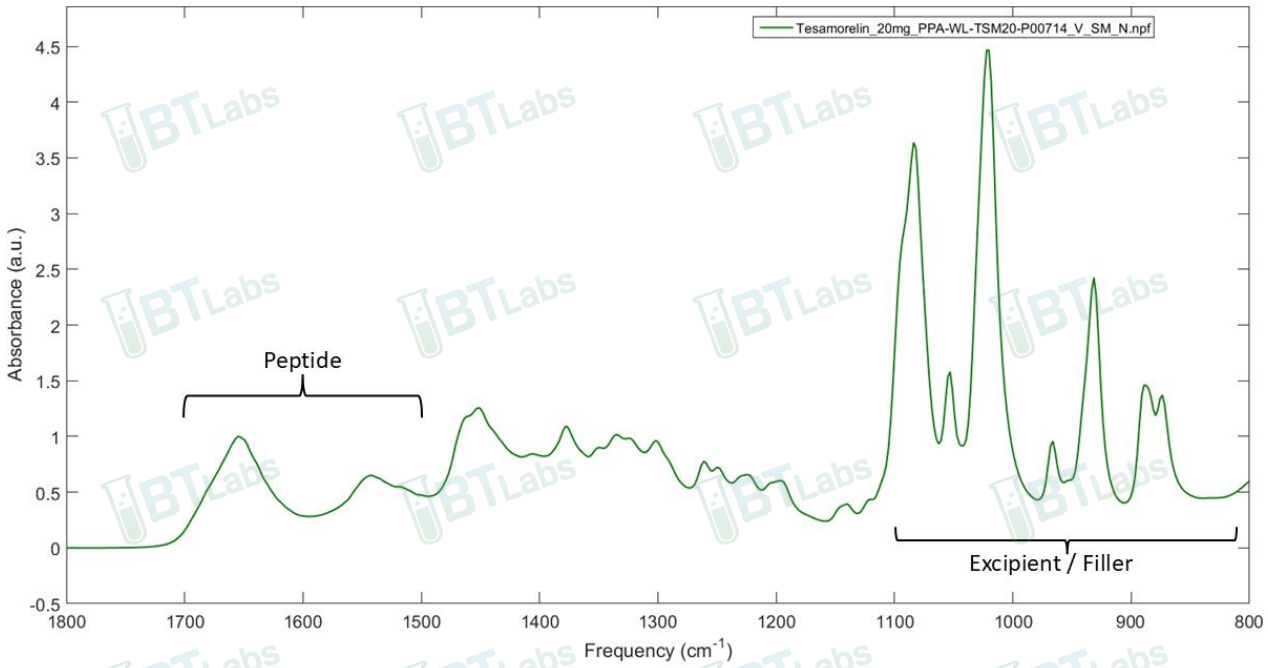
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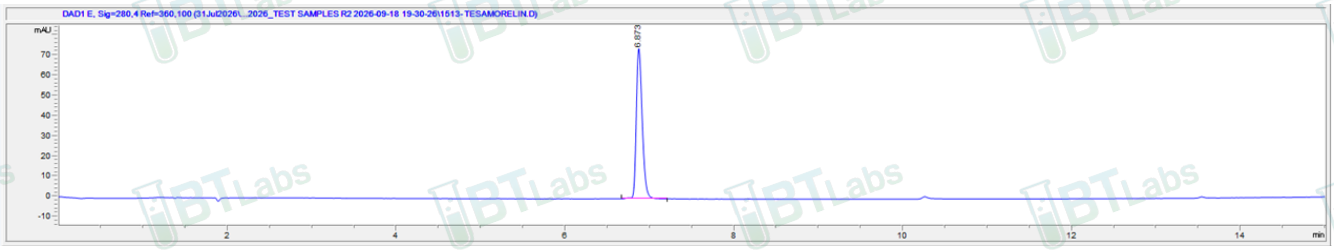
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FTIR ID and Composition Analysis: Tesamorelin Lot PPA-WL-TSM20-P00714



HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot PPA-WL-TSM20-P00714



Tesamorelin Lot PPA-WL-TSM20-P00714 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	6.873	363.8

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