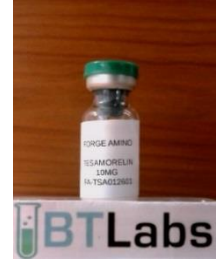




Title:

## Certificate of Analysis (CoA)

**Date:** 2/7/2026  
**Date Tested:** 2/6/2026  
**Customer:** Forge Amino  
**Testing material:** Tesamorelin  
**Lot Number:** FA-TSA012601  
**BT Sample ID:** 005000038768412  
**Labeled Peptide**  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** small clear vial: white sample, white label, silver crimp, green plastic cap.  
**Labeled as:** Tesamorelin  
**Manufacturer:** Forge Amino  
**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
<b>General Appearance</b>	USP <630>	White powder	White powder
<b>Mass</b>	USP <41>	As recorded	125.1 mg
<b>FTIR Identification and Composition Analysis</b>	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 such as mannitol.
<b>HPLC Purity of Peptide Assay</b>	USP <621>	Specifications: $\geq 98\%$	99.7 %
<b>HPLC Potency Assay</b>	USP <621>	Specifications: 95 – 105% of 10 mg	11.3 mg (113.4 %)

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



Andrea Castro, AS  
Scientist-I  
BTLabs



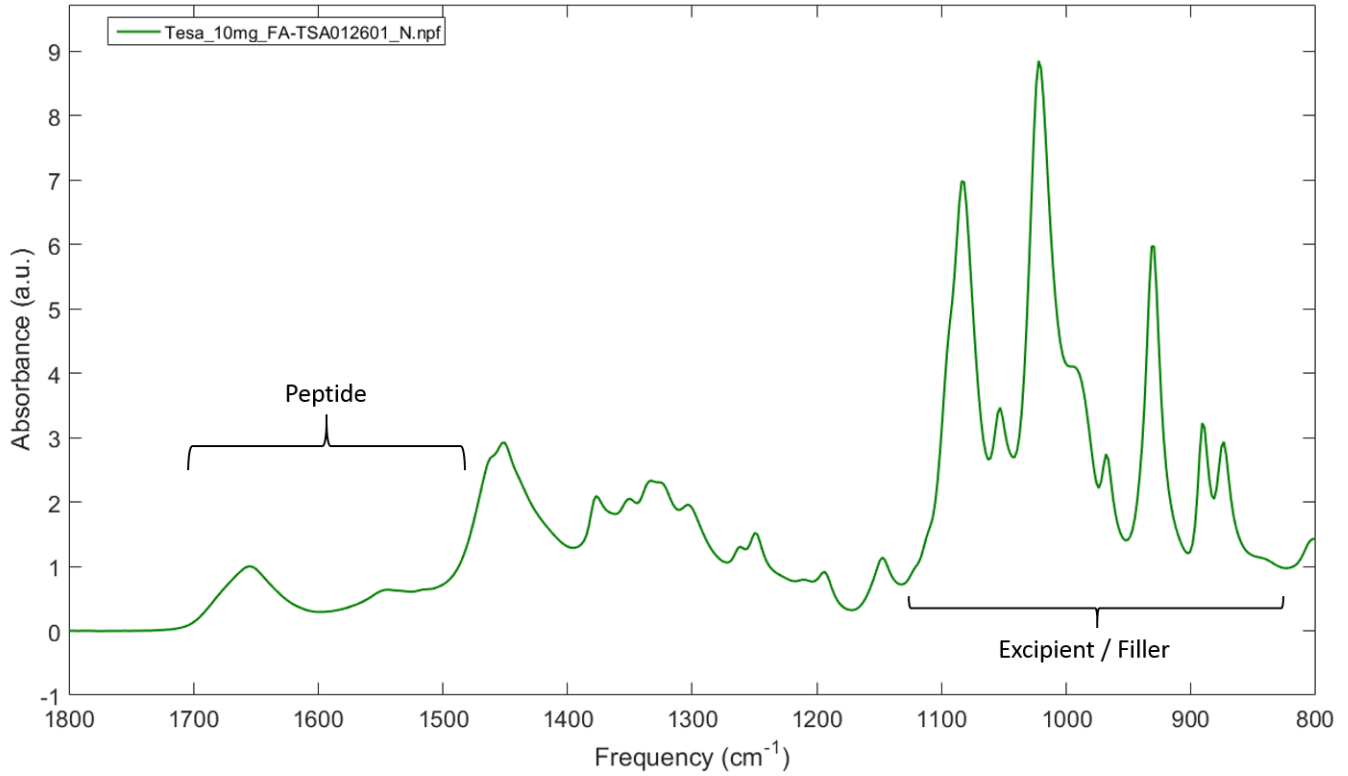
Verna Zheng, AS  
Scientist-I  
BTLabs



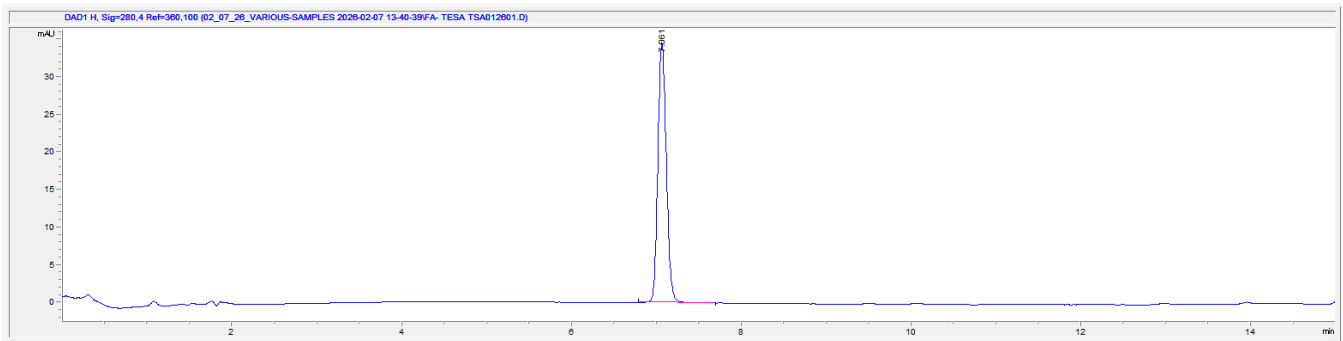
Title:

## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: Tesamorelin Lot FA-TSA012601



### HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot FA-TSA012601



#### Tesamorelin Lot FA-TSA012601 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	7.061	239.6

Title:

**Certificate of Analysis (CoA)****Bacterial Endotoxins Test (ABI- TEST 0012)**

**Date:** 2/8/2026  
**Date Tested:** 2/6/2026  
**Customer:** Forge Amino  
**Testing material:** Tesamorelin  
**Lot Number:** FA-TSA012601  
**BT Sample ID:** 005000038768412  
**Labeled Peptide**  
**Content/Potency:** 125.1 mg  
**Storage:** R.T.  
**Packing material:** small clear vial: white sample, white label, silver crimp, green plastic cap.  
**Labeled as:** Tesamorelin  
**Manufacturer:** Forge Amino  
**Testing Purpose:** (ABI-TEST 0012) test quantifies bacterial endotoxin levels to confirm that the product does not elicit pyrogenic reactions, maintaining patient safety and product integrity.

Test	Method	Specification	Result
<b>Bacterial Endotoxins Test</b>	USP <85>	40 EU/vial reconstituted	PASS

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

**Bacterial Endotoxins Test Tesamorelin Lot FA-TSA012601**

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity ( $\lambda$ , EU/mL)	Result
005000038768412	Tesamorelin	3	40 EU/vial	0.25	10 EU/vial

The sample passed a valid gel clot endotoxin test based on the type, mode of administration and dosage.

Andrea Castro. AS  
Scientist-I  
BTLabs

Verna Zheng. AS  
Scientist-I  
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407  
Phone: (561) 625-0133  
E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>