



Title:

## Certificate of Analysis (CoA)

**Date:** 2/7/2026  
**Date Tested:** 2/6/2026  
**Customer:** Forge Amino  
**Testing material:** Ipamorelin  
**Lot Number:** FA-IPA012601  
**BT Sample ID:** 005000038768409  
**Labeled Peptide Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** small clear vial: white sample, white label, silver crimp, white plastic cap.  
**Labeled as:** Ipamorelin  
**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	64.4 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 Ipamorelin with addition of excipient(s)/fillers such as mannitol.
<b>HPLC Purity of Peptide Assay</b>	USP <621>	Specifications: $\geq 98\%$	99.9 %
<b>HPLC Potency Assay</b>	USP <621>	Specifications: 95 – 105% of 10 mg	10.8 mg (107.8 %)

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



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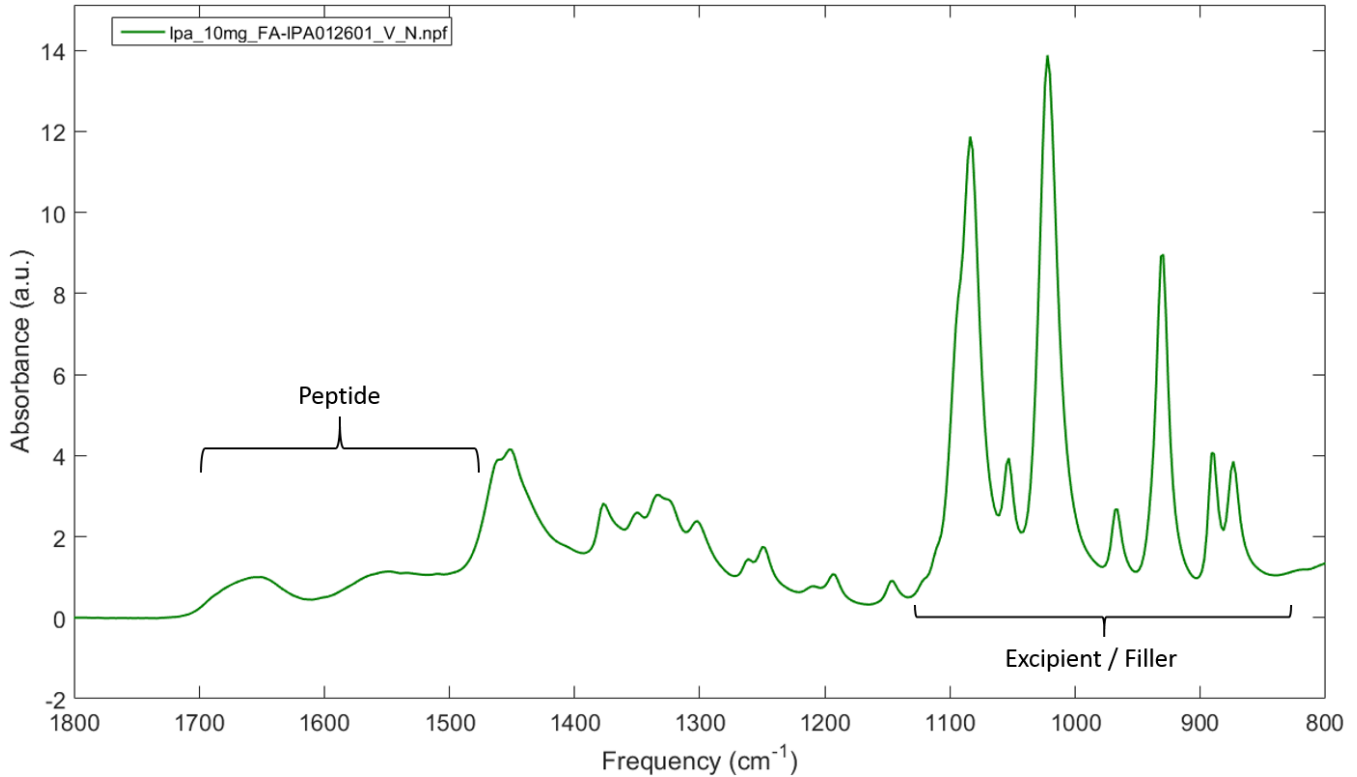
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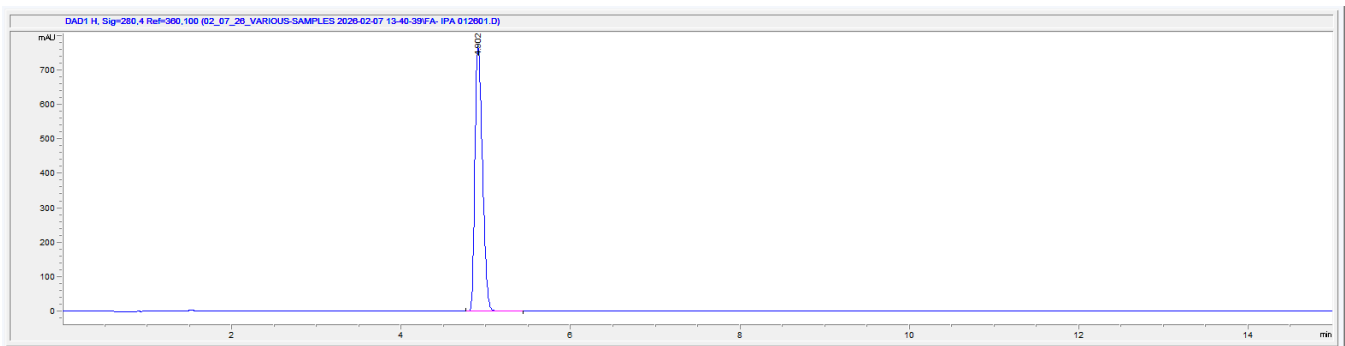
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## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: Ipamorelin Lot FA-IPA012601



### HPLC Purity and Potency Assay @ 280 nm: Ipamorelin Lot FA-IPA012601



#### **Ipamorelin Lot FA-IPA012601 @ 280 nm**

Peak #:	Retention Time (min)	Area (mAU*s)
1	4.902	4725.7

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:** Ipamorelin  
**Lot Number:** FA-IPA012601  
**BT Sample ID:** 005000038768409  
**Labeled Peptide**  
**Content/Potency:** 64.4 mg  
**Storage:** R.T.  
**Packing material:** small clear vial: white sample, white label, silver crimp, white plastic cap.  
**Labeled as:** Ipamorelin  
**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 Ipamorelin Lot FA-IPA012601**

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity ( $\lambda$ , EU/mL)	Result
005000038768409	Ipamorelin	3	40 EU/vial	0.25	19.4 EU/vial

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

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