



Report #:

COA261076-006

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Title:

Certificate of Analysis (CoA)



Date: 8/21/2026
Date Tested: 8/20/2026
Customer: Vertex Labs
Testing material: Tesamorelin Ipamorelin
Lot Number: TSIP000020
Sample ID: BTL261076-006
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, black plastic cap.
Labeled as: Tesamorelin Ipamorelin
Manufacturer: VERTEX 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.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	79.4 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 Ipamorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	Ipamorelin 5.5 mg (54.8 %) Tesamorelin 5.6 mg (55.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11.1 : 68.3 mg (1:6.2)

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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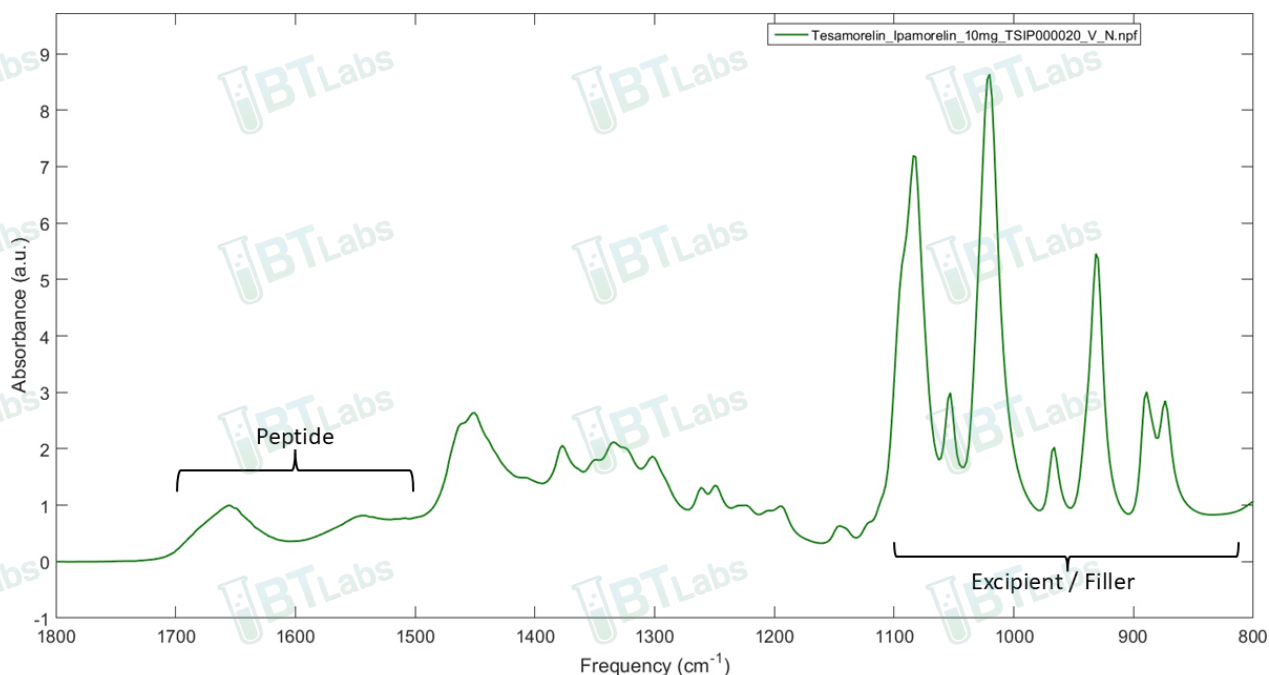
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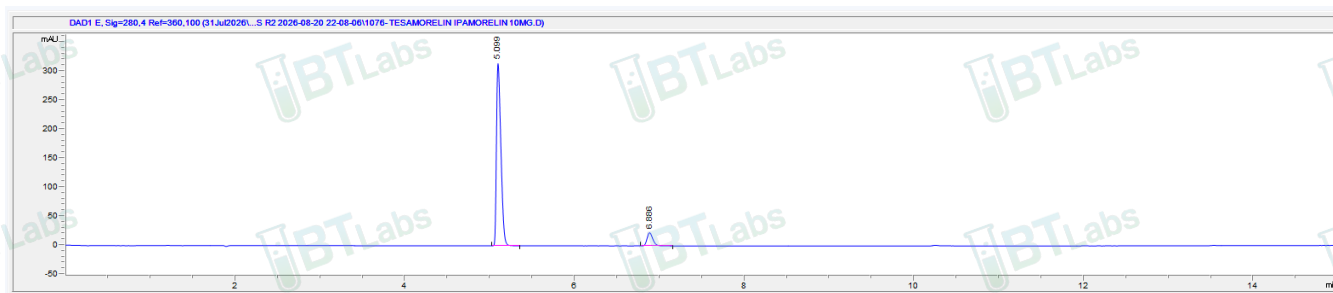
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FTIR ID and Composition Analysis: Tesamorelin Ipamorelin Lot TSIP000020



HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Ipamorelin Lot TSIP000020



Tesamorelin Ipamorelin Lot TSIP000020 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	5.099	1138.3
2	6.886	107.1

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