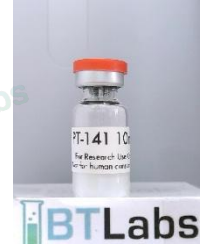




Title:

## Certificate of Analysis (CoA)

**Date:** 5/10/2026  
**Date Tested:** 5/7/2026  
**Customer:** Peptide Pantry  
**Testing material:** PT-141  
**Lot Number:** red\_cap  
**BT Sample ID:** 005000039915973  
**Labeled Peptide Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, red plastic cap.  
**Labeled as:** PT-141  
**Manufacturer:** N/A  
**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	92.6 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 PT-141 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10 mg (100.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10 : 82.6 mg (1:8.2)

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



Andrea Castro, AS  
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BTLabs



Verna Zheng, AS  
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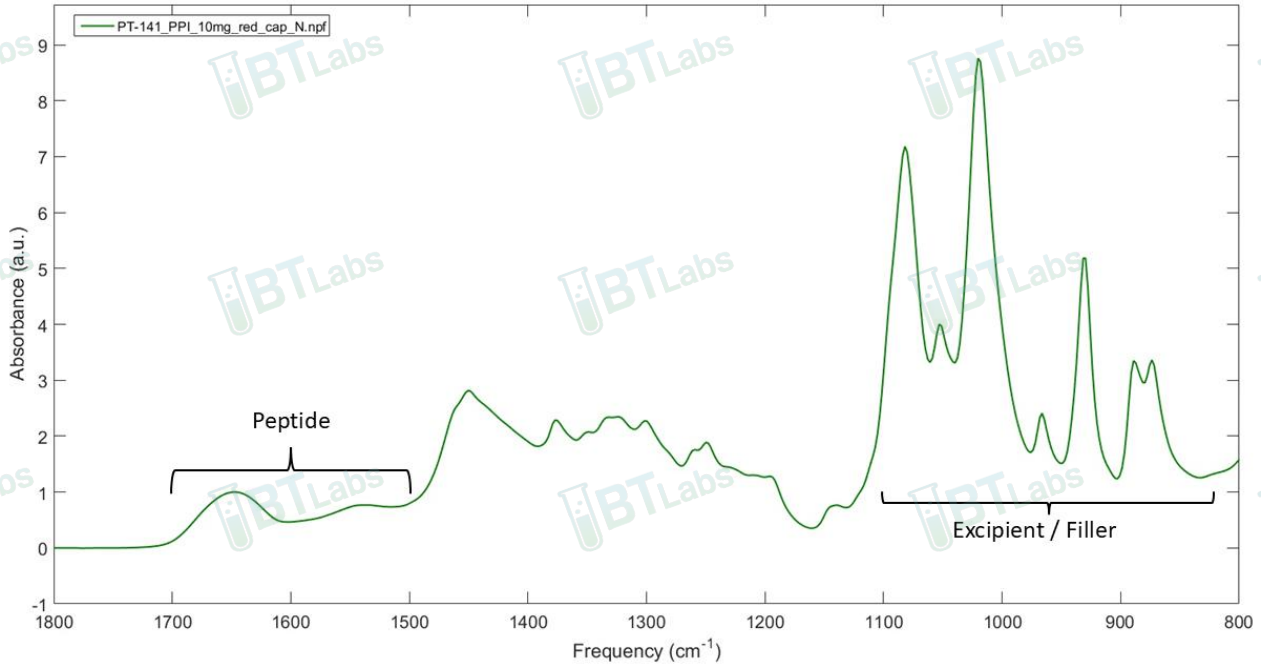
E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>



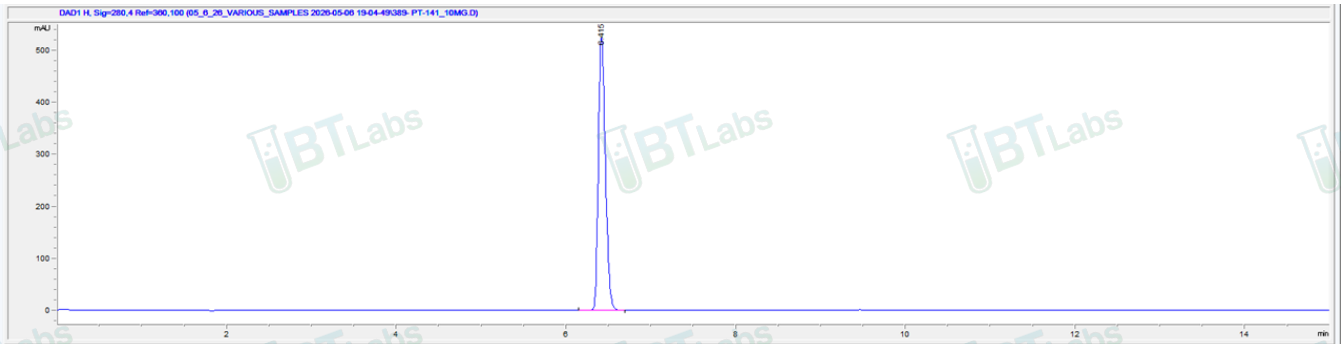
Title:

## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: PT-141 Lot red cap



### HPLC Purity and Potency Assay @ 280 nm: PT-141 Lot red cap



#### PT-141 Lot red cap @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.415	3656.1