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Report #:  
IF-824-QSA-TR006-2025-114-02

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Title:

## Certificate of Analysis (CoA)

**Date:** 11/18/2025  
**Date Tested:** 11/18/2025  
**Customer:** Green Peptide  
**Testing material:** Tirzepatide  
**Lot Number:** N/A  
**BT Sample ID:** 005000037101887  
**Labeled Peptide**  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Packing material:** Clear glass vial with white label, silver crimp and yellow cap  
**Labeled as:** Tirzepatide  
**Manufacturer:** Green Peptide  
**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	105.2 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 peptide 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	12.25 mg (122.5 %)

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

Kimberly Quinn, MS  
 Lab Manager  
 BT Labs

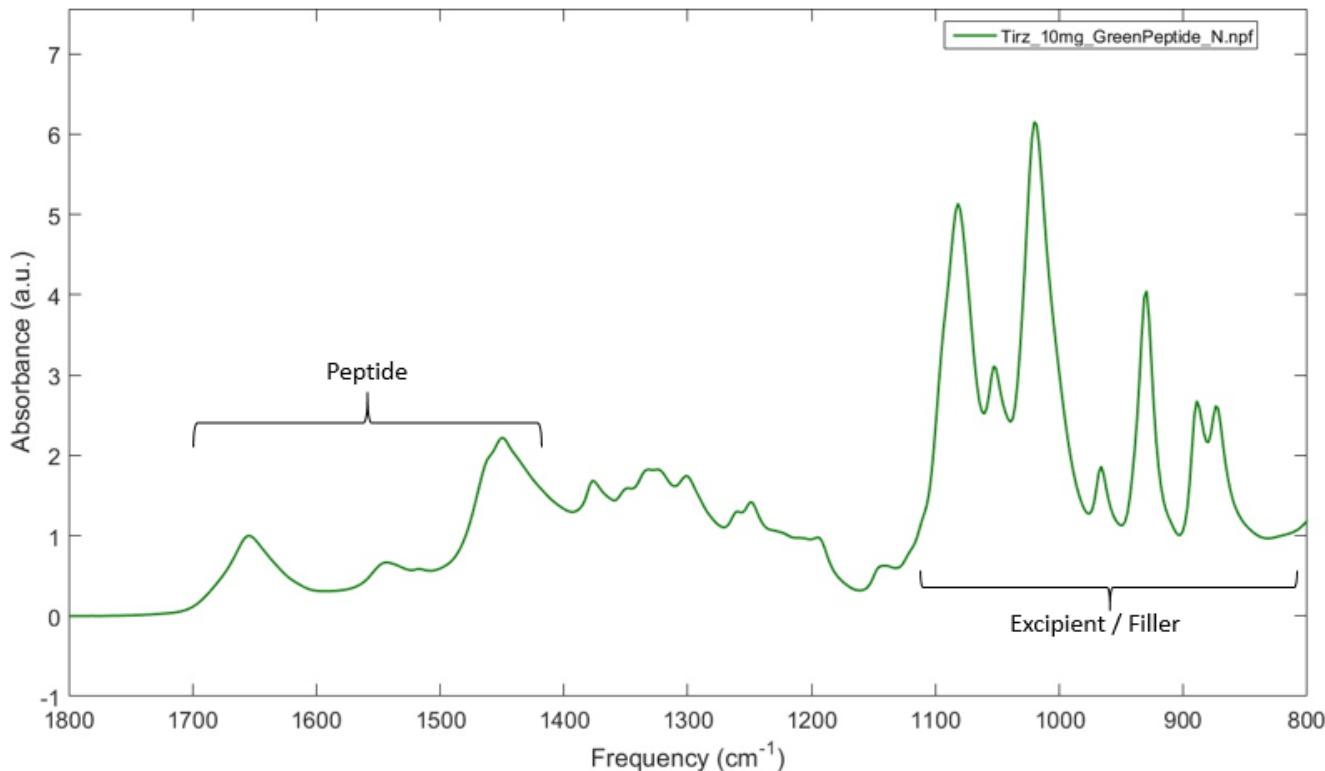
Andrea Castro, AS  
 Scientist-I  
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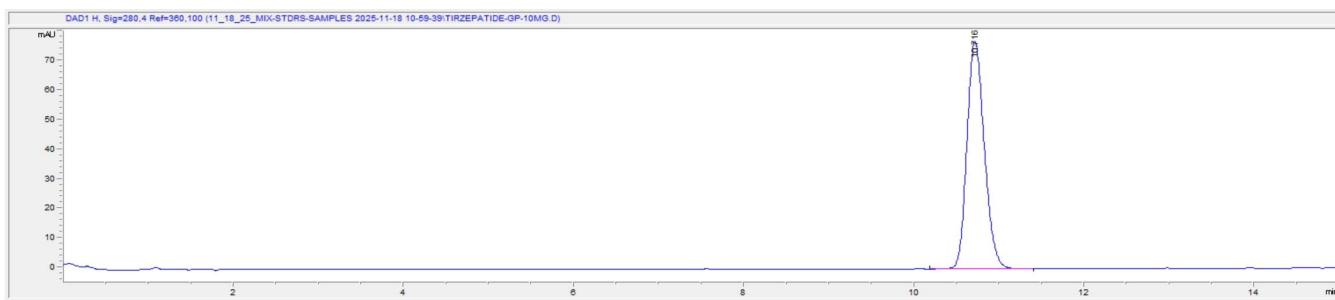
Title:

## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: Tirzepatide Green Peptide



### HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Green Peptide



Tirzepatide Green Peptide @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	10.716	1089.8