



Report #:

IF-824-QSA-TR006-BTL26660-12

Page 1 of 2



Title:

Certificate of Analysis (CoA)

Date: 6/6/2026
Date Tested: 6/4/2026
Customer: Peptide Papi
Testing material: Tirzepatide
Lot Number: Yellow Cap
BT Sample ID: 005000040292507
Labeled Peptide
Content/Potency: 60 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, silver holographic label, silver crimp, yellow plastic cap.
Labeled as: Tirzepatide
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	125.5 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 Tirzepatide with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 60 mg	62.3 mg (103.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	62.3 : 63.2 mg (1:1)

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

Andrea Castro, AS
Scientist-II
BTLabs

Verna Zheng, AS
Scientist-II
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

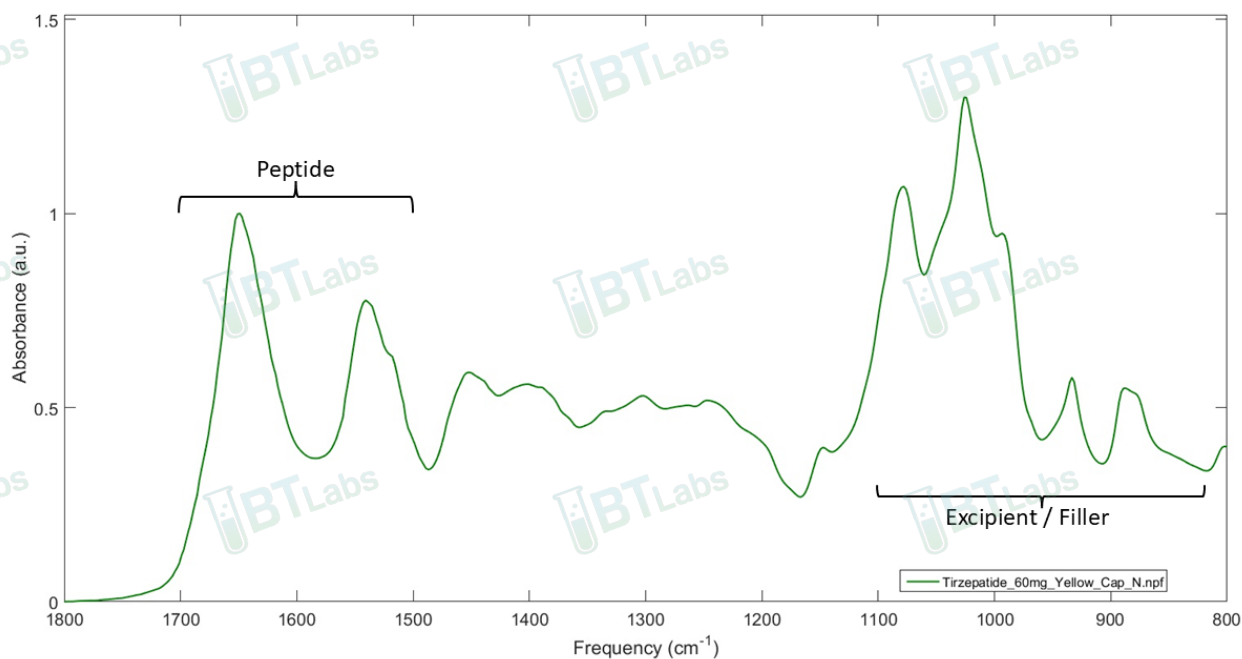
Phone: (561) 625-0133

E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

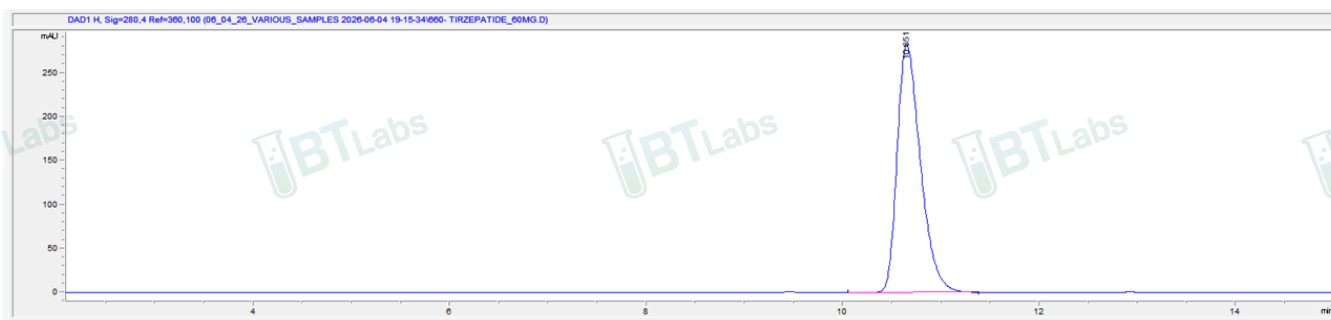
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Tirzepatide Lot Yellow Cap



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot Yellow Cap



Tirzepatide Lot Yellow Cap @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	10.651	4654.3