



Report #:

IF-824-QSA-TR006-BTL26947-03

Page 1 of 2

Title:

Certificate of Analysis (CoA)



Date: 7/13/2026
Date Tested: 7/6/2026
Customer: KNC CRL ORL
Testing material: Tirzepatide
Lot Number: CHA0626
BT Sample ID: 005000040831170
Labeled Peptide Content/Potency: 40 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, silver holographic label, silver crimp, blue 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.



BT Labs

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 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 40 mg	42 mg (104.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	42 : 50.6 mg (1:1.2)

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

Escarlet Cabrieles, 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>

IF-824-QSA-TR006

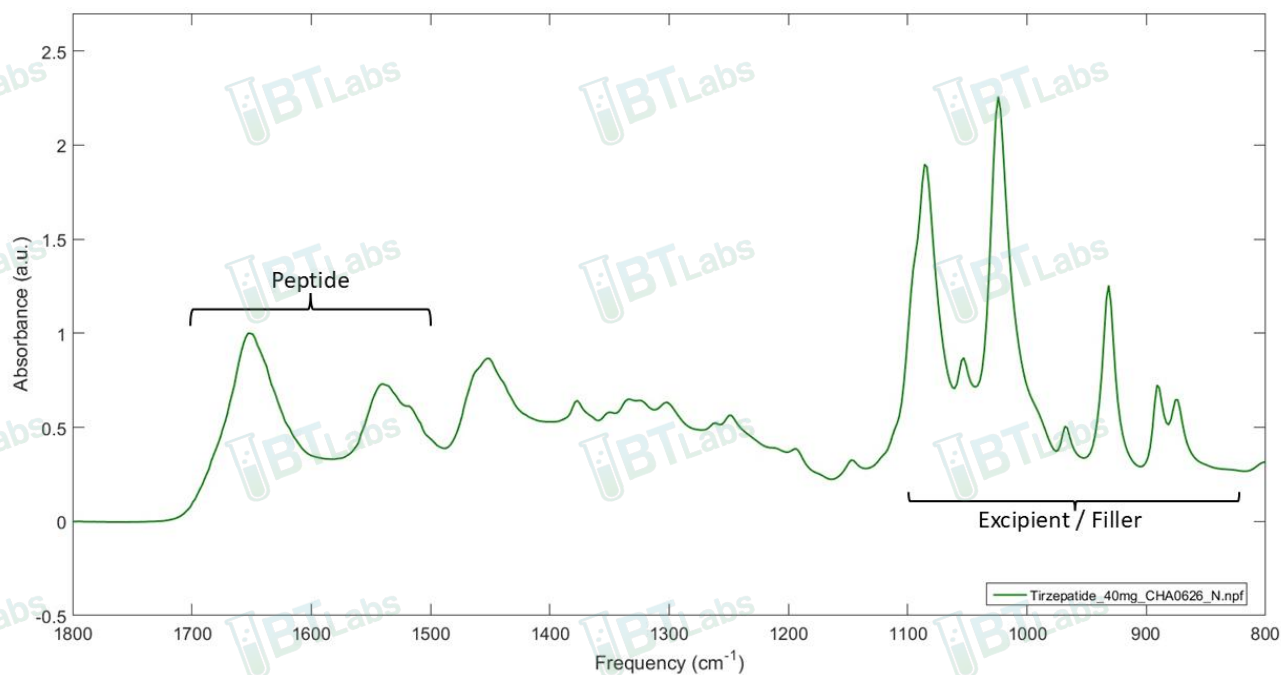
Rev 1.0 January 2025

Title:

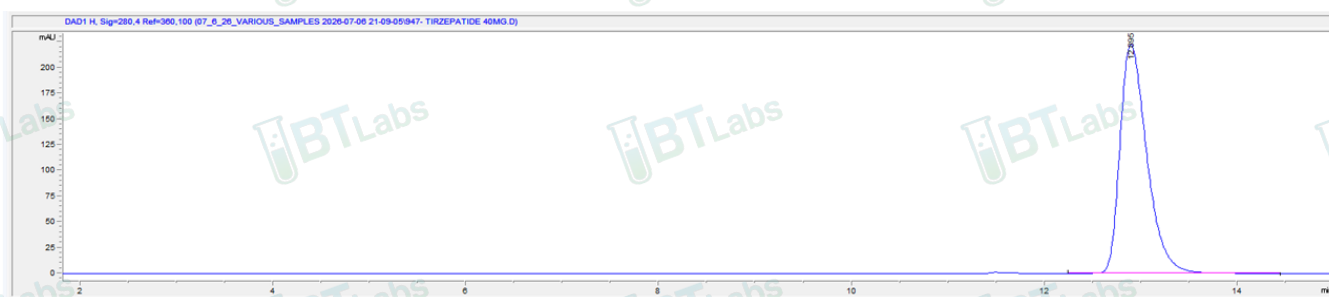
Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Tirzepatide Lot CHA0626



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot CHA0626



Tirzepatide Lot CHA0626 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	12.895	4202.6