Title:

Certificate of Analysis (CoA)

Date: 11/13/2026
Date Tested: 11/12/2026
Customer: Apex Lab -BW Compounds
Testing material: Tirzepatide
Lot Number: T1001126
Sample ID: BTL261103-015-002
Content/Potency: 100 mg
Storage: R.T.
Visual Description: Medium clear vial: white sample, white label, silver crimp, black 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	125.4 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 Tirzepatide with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 100 mg	117.4 mg (117.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	117.4 : 8 mg (1:0.1)

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

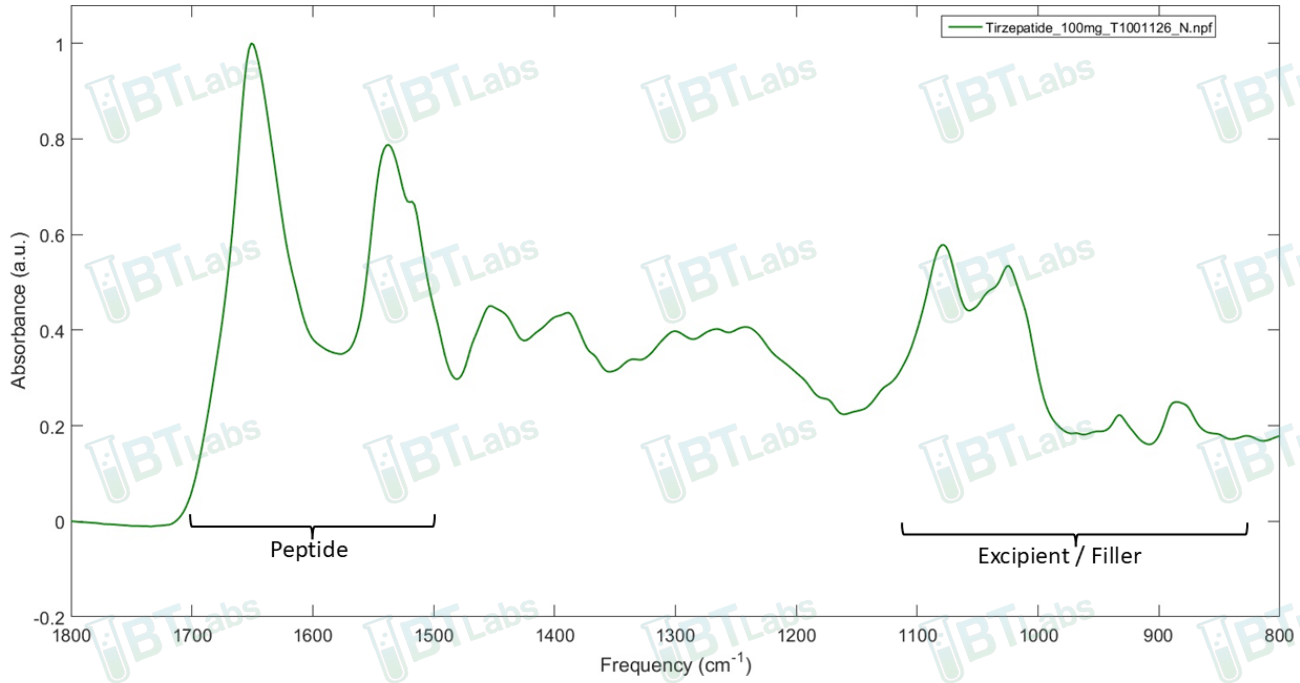
Andrea Castro, BS
Scientist-II
BTLabs

Escarlet Cabrieles, BS
Scientist-II
BTLabs

Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Tirzepatide Lot T1001126



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot T1001126



Tirzepatide Lot T1001126 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	8.999	4170.8

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 941-4835
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com