Title:

Certificate of Analysis (CoA)

Date: 5/16/2026
Date Tested: 5/13/2026
Customer: RNXResearch
Testing material: Tirzepatide
Lot Number: TZ99001-X
BT Sample ID: 005000040015081
Labeled Peptide Content/Potency: 30 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, clear label, silver crimp, clear 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	128.9 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 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 30 mg	31.4 mg (104.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	31.4 : 97.5 mg (1:3.1)

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

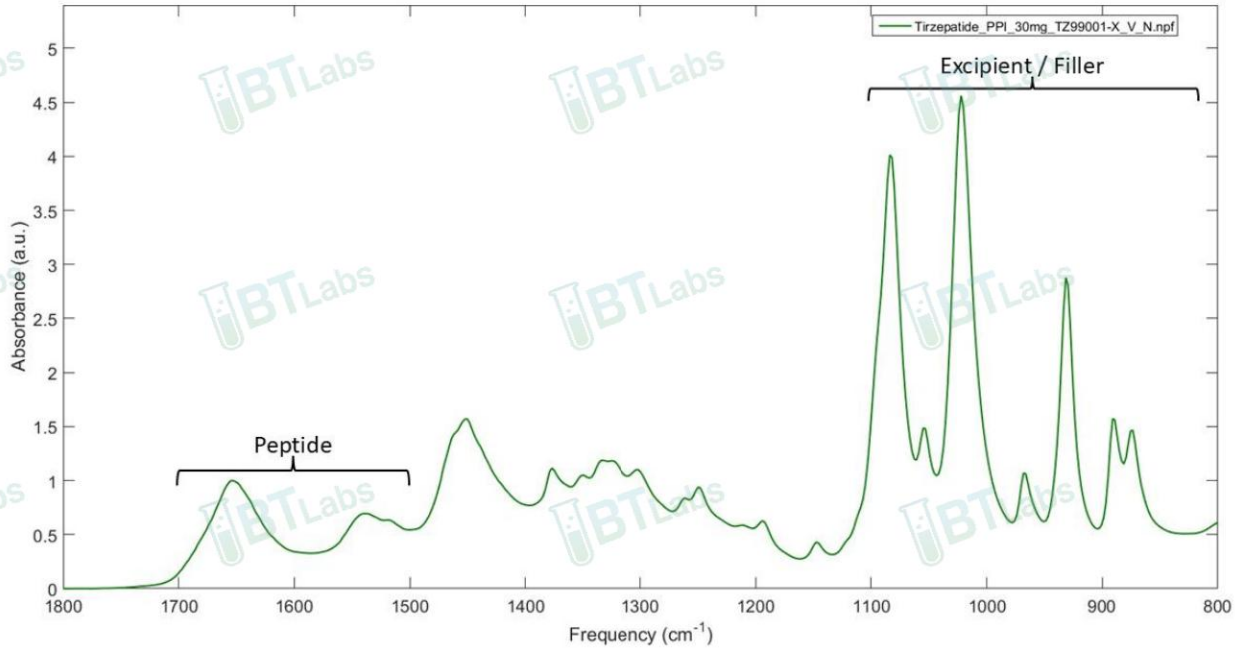
Andrea Castro, AS
Scientist-II
BTLabs

Verna Zheng, AS
Scientist-II
BTLabs

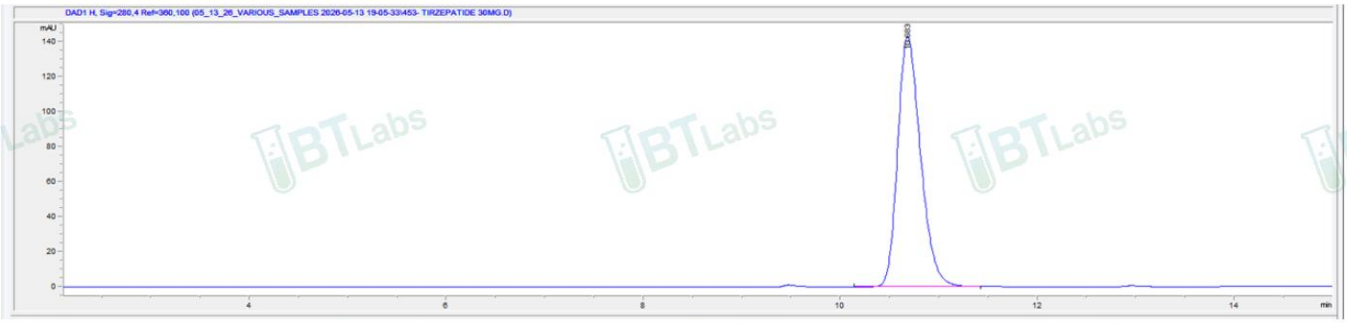
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FTIR ID and Composition Analysis: Tirzepatide Lot TZ99001-X



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot TZ99001-X



Tirzepatide Lot TZ99001-X @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	10.683	2309

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