



Title:

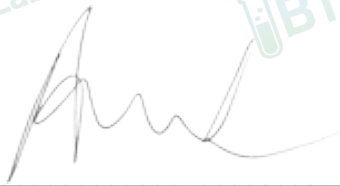
Certificate of Analysis (CoA)

Date: 6/3/2026
Date Tested: 6/1/2026
Customer: Bking Aminos
Testing material: Tirzepatide
Lot Number: 518ARTZ60
BT Sample ID: 005000040253834
Labeled Peptide Content/Potency: 60 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, 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	166.1 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	72.6 mg (121 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	72.6 : 93.5 mg (1:1.3)

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



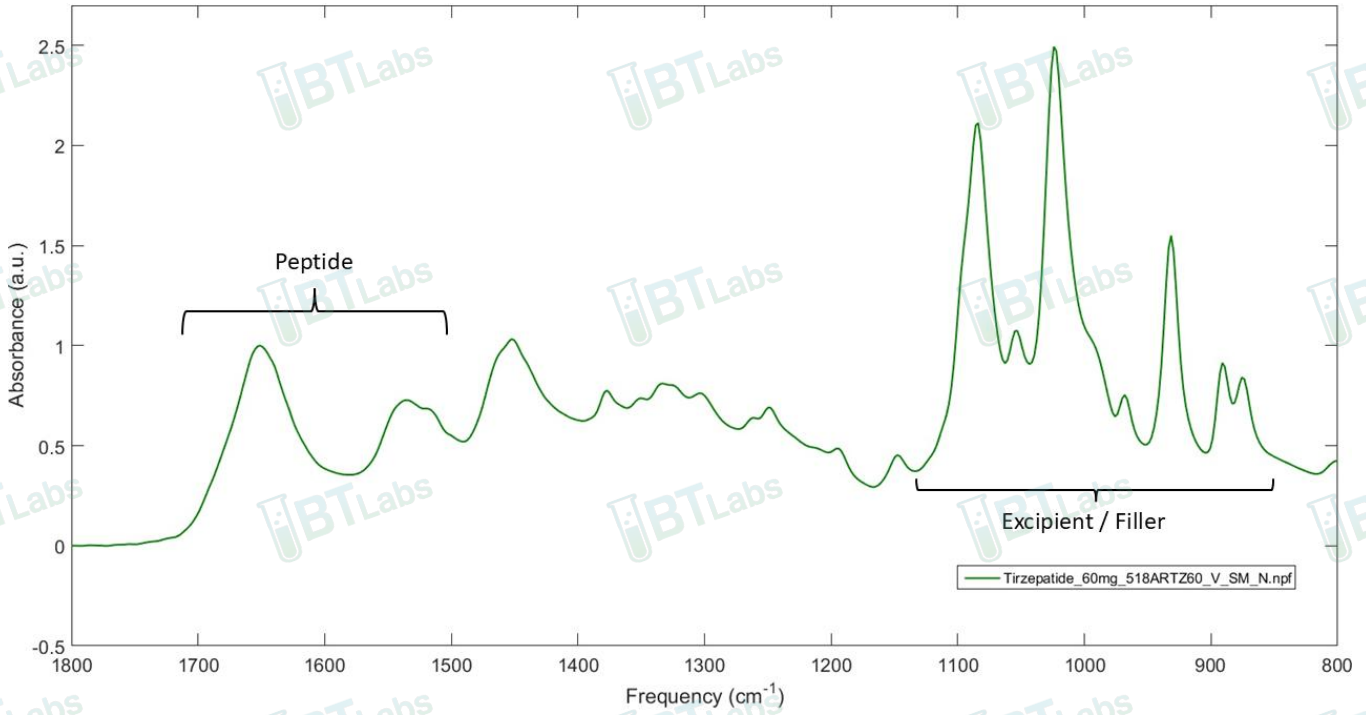
Verna Zheng, AS
Scientist-II
BTLabs



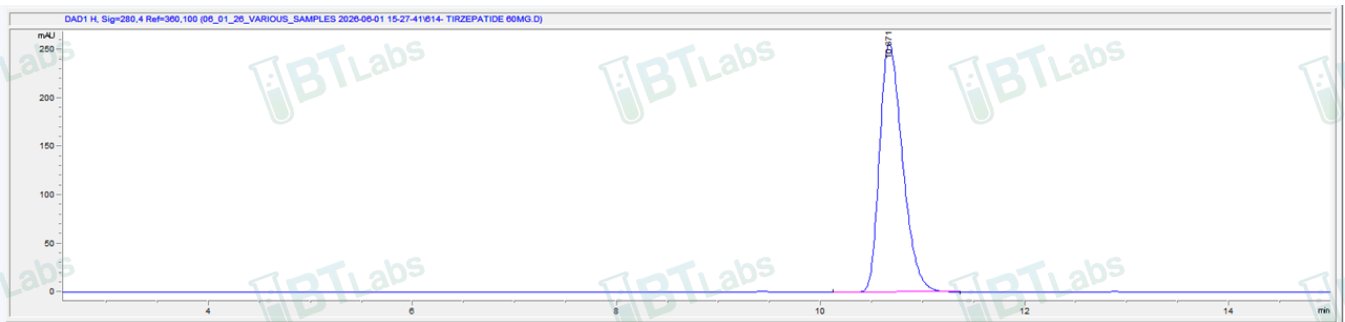
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FTIR ID and Composition Analysis: Tirzepatide Lot 518ARTZ60



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot 518ARTZ60



Tirzepatide Lot 518ARTZ60 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	10.671	4013.1

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