



Title:

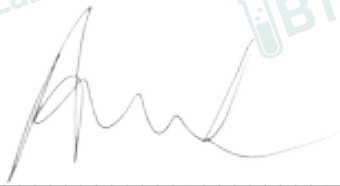
## Certificate of Analysis (CoA)

**Date:** 6/3/2026  
**Date Tested:** 6/1/2026  
**Customer:** Bking Aminos  
**Testing material:** Tirzepatide  
**Lot Number:** 518ARTZ30  
**BT Sample ID:** 005000040253831  
**Labeled Peptide Content/Potency:** 30 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, holographic label, silver crimp, dark 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.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	110.5 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: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 30 mg	36.6 mg (122 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	36.6 : 73.9 mg (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



Verna Zheng, AS  
Scientist-II  
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407  
Phone: (561) 625-0133

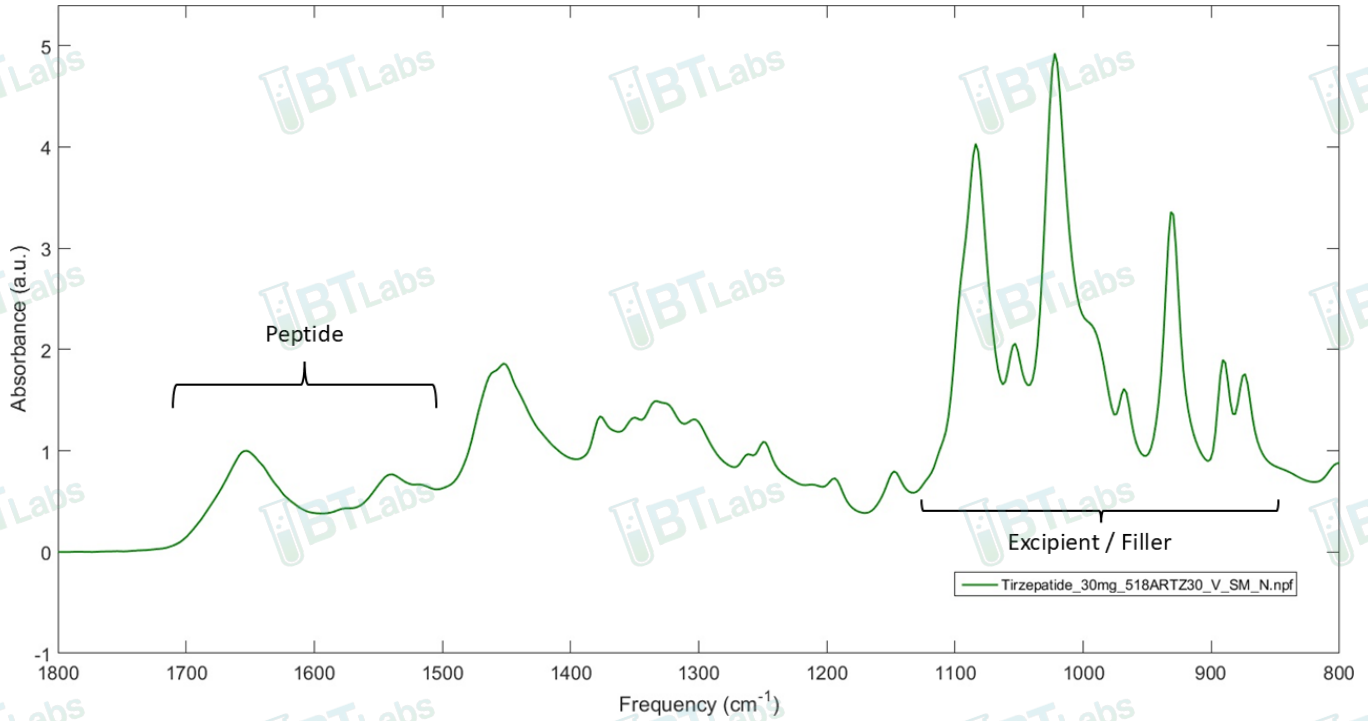
E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>



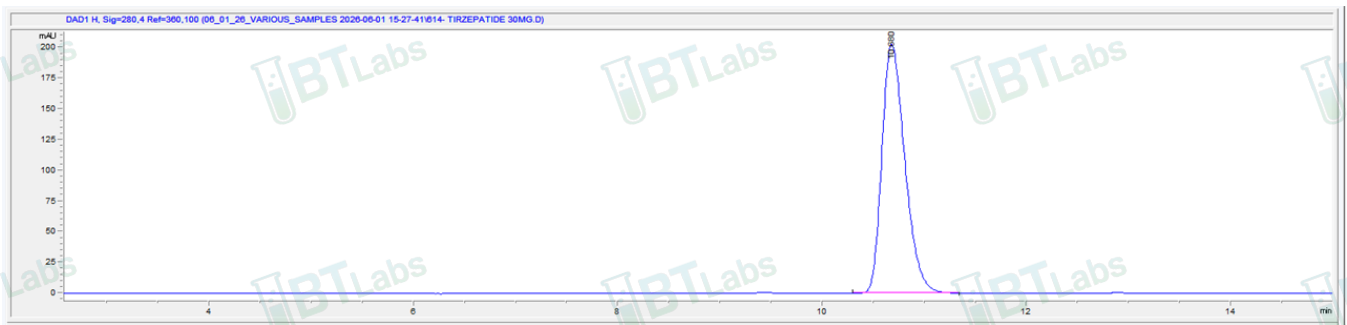
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## Certificate of Analysis (CoA)

### FTIR ID and Composition Analysis: Tirzepatide Lot 518ARTZ30



### HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot 518ARTZ30



#### Tirzepatide Lot 518ARTZ30 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	10.68	3164.2

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407  
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E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>