



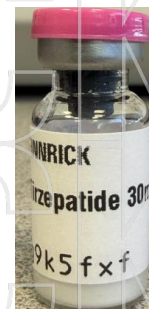
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Title:

Certificate of Analysis (CoA)

Date: 12/18/2025
Date Tested: 12/18/2025
Customer: Meridian Research LLC
Testing material: Tirzepatide
Lot Number: G9K5FXF
BT Sample ID: 005000037597297
Labeled Peptide:
Content/Potency: 30 mg
Storage: R.T.
Packing material: Clear glass vial with white label, silver crimp and hot pink 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	125.8 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 peptide with addition of excipient(s)/fillers such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 30 mg	34.8 mg (116.2 %)

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

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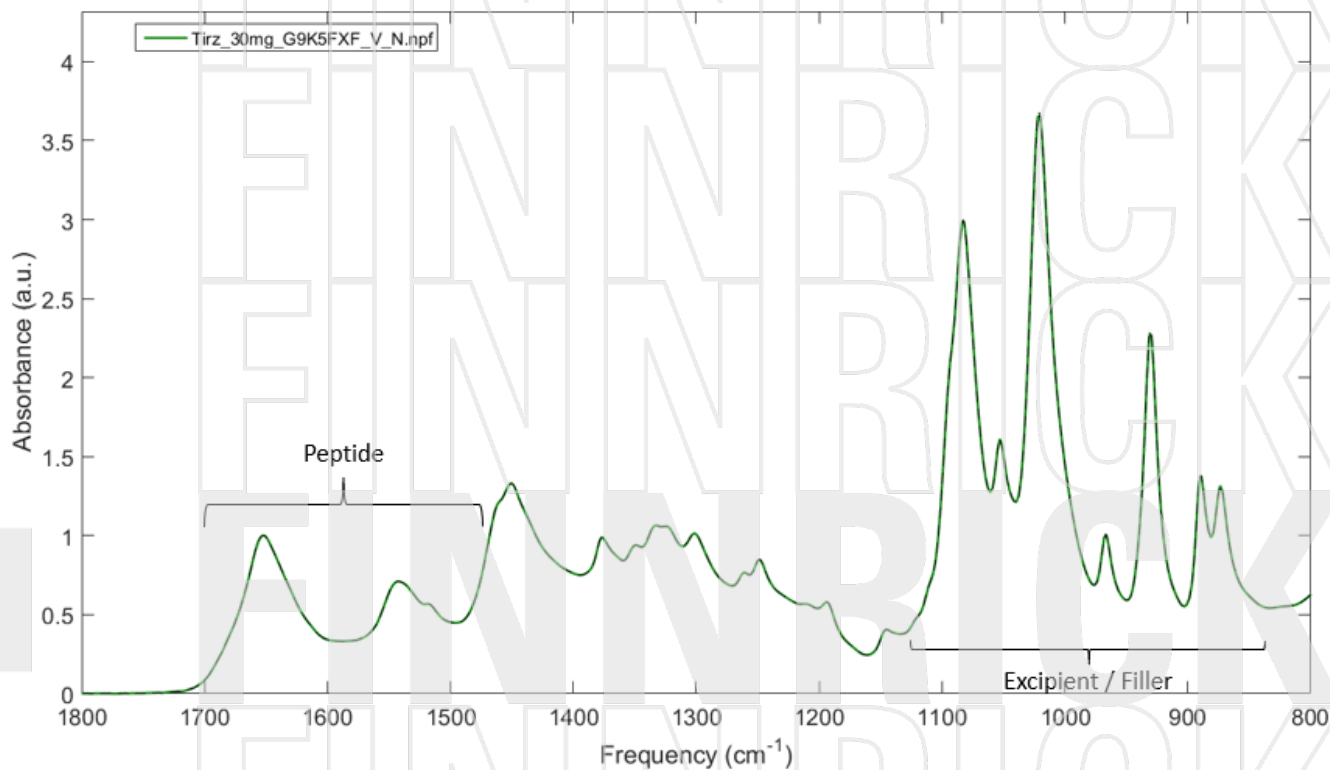
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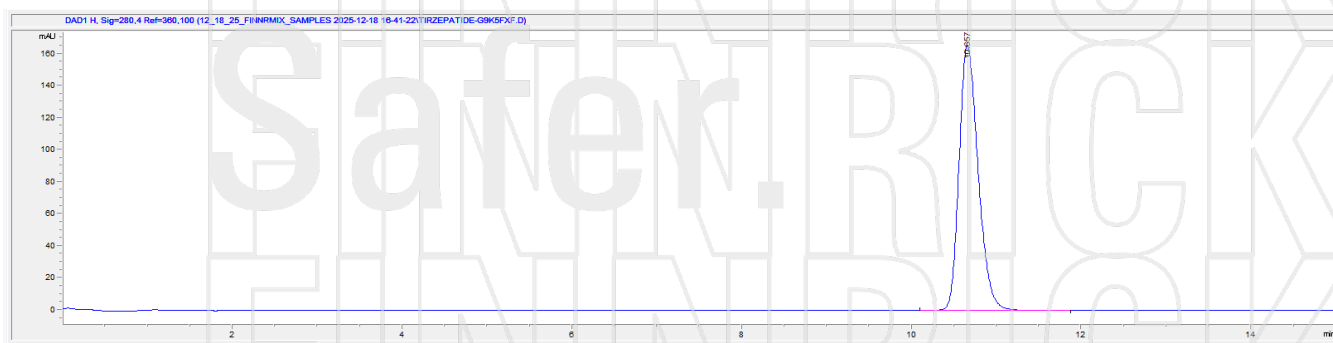
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Tirzepatide Lot G9K5FXF



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot G9K5FXF



Tirzepatide Lot G9K5FXF @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	10.657	2579

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