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Report #:

IF-824-QSA-TR006-2025-158-63

Page 1 of 2

Title:

Certificate of Analysis (CoA)

Date:

1/1/2026

Date Tested:

1/1/2026

Customer:

Finnrick

Testing material:

Tirzepatide

Lot Number:

9WXEVCK

BT Sample ID:

005000037960966

Labeled Peptide

Content/Potency:

20 mg

Storage:

R.T.

Visual Description:

small clear vial: white sample, white label, silver crimp, purple 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	109.9 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 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 20 mg	22.5 mg (112.4 %)

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

Andrea Castro, AS

Digitally signed by Andrea Castro, AS

DN: OU=BT Labs, O=BioTools Inc, CN="Andrea Castro, AS", E=acastro@biotools.us

Reason: I am approving this document

Location:

Date: 2026.01.06 15:37:50-05'00'

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Andrea Castro, AS
Scientist-I
BTLabs

Verna Zheng

Digitally signed by Verna Zheng

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Reason: I am the author of this document

Location:

Date: 2026.01.06 15:39:49-05'00'

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Verna Zheng, AS
Scientist-I
BTLabs



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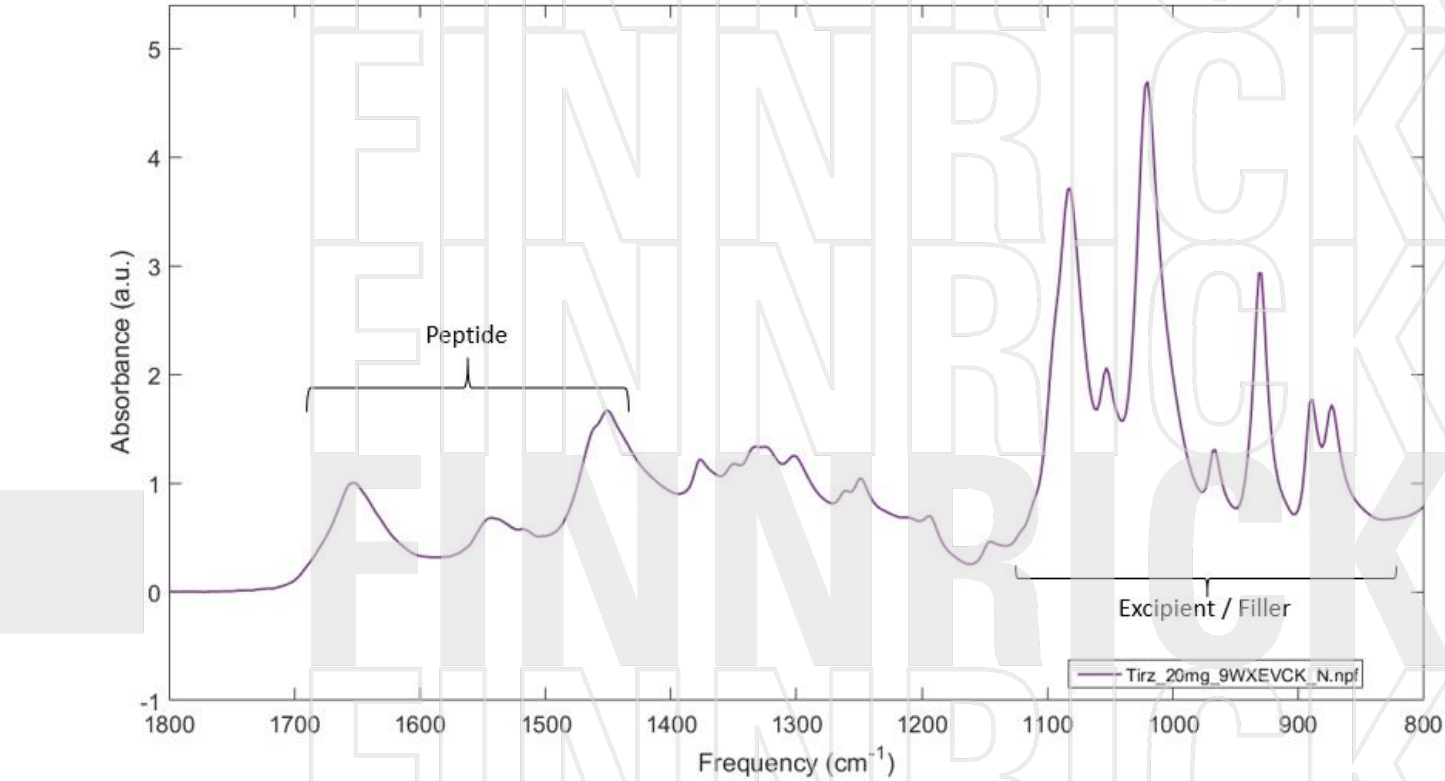
Report #:
IF-824-QSA-TR006-2025-158-63

Page 2 of 2

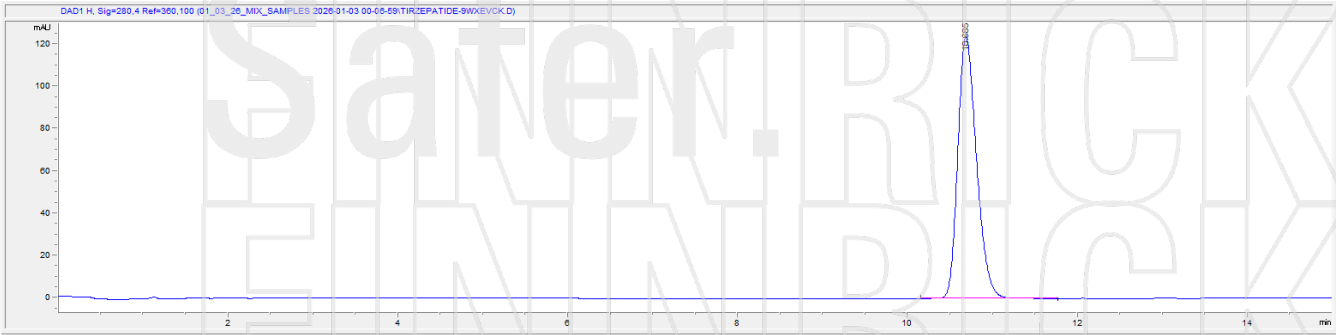
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Tirzepatide Lot 9WXEVCK



HPLC Purity and Potency Assay @ 280 nm: Tirzepatide Lot 9WXEVCK



Tirzepatide Lot 9WXEVCK @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	10.685	1901.1