



Report #:

IF-824-QSA-TR006-BTL26767-11

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Title:

Certificate of Analysis (CoA)



Date: 6/19/2026
Date Tested: 6/16/2026
Customer: TrimEdge Peptides LLC
Testing material: Semaglutide
Lot Number: SM15-260321
BT Sample ID: 005000040473297
Labeled Peptide
Content/Potency: 15 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, holographic label, silver crimp, yellow plastic cap.
Labeled as: Semaglutide
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	67.5 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 Semaglutide 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 15 mg	17.6 mg (117.3 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	17.6 : 49.9 mg (1:2.8)

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

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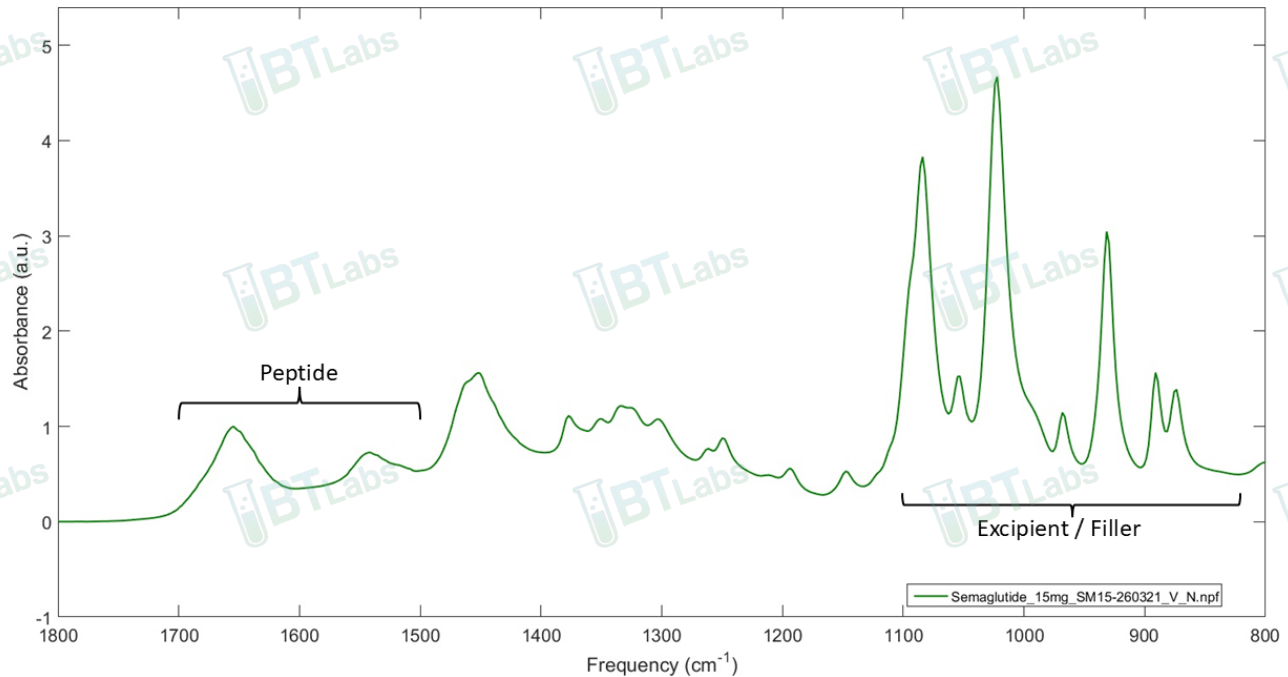
Rev 1.0 January 2025

Title:

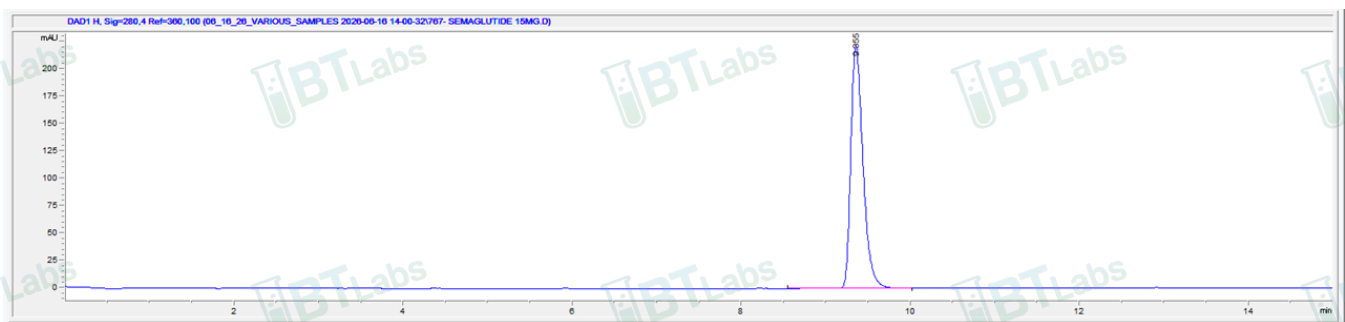
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FTIR ID and Composition Analysis: Semaglutide Lot SM15-260321



HPLC Purity and Potency Assay @ 280 nm: Semaglutide Lot SM15-260321



Semaglutide Lot SM15-260321 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	9.355	2226.1

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