



Report #:

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Title:

Certificate of Analysis (CoA)

Date: 4/6/2026
Date Tested: 4/3/2026
Customer: atozpeptides
Testing material: Semaglutide
Lot Number: A2Z-SEMA-0000001
BT Sample ID: 005000039522671
Labeled Peptide
Content/Potency: 10 mg
Storage: R.T.
Visual Description: small clear vial: white sample, silver label, silver crimp, blue plastic cap.
Labeled as: Semaglutide
Manufacturer: Hueyi Biotechnology
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	51.3 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 10 mg	10.7 mg (106.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.7 : 40.6 mg (1:3.8)

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

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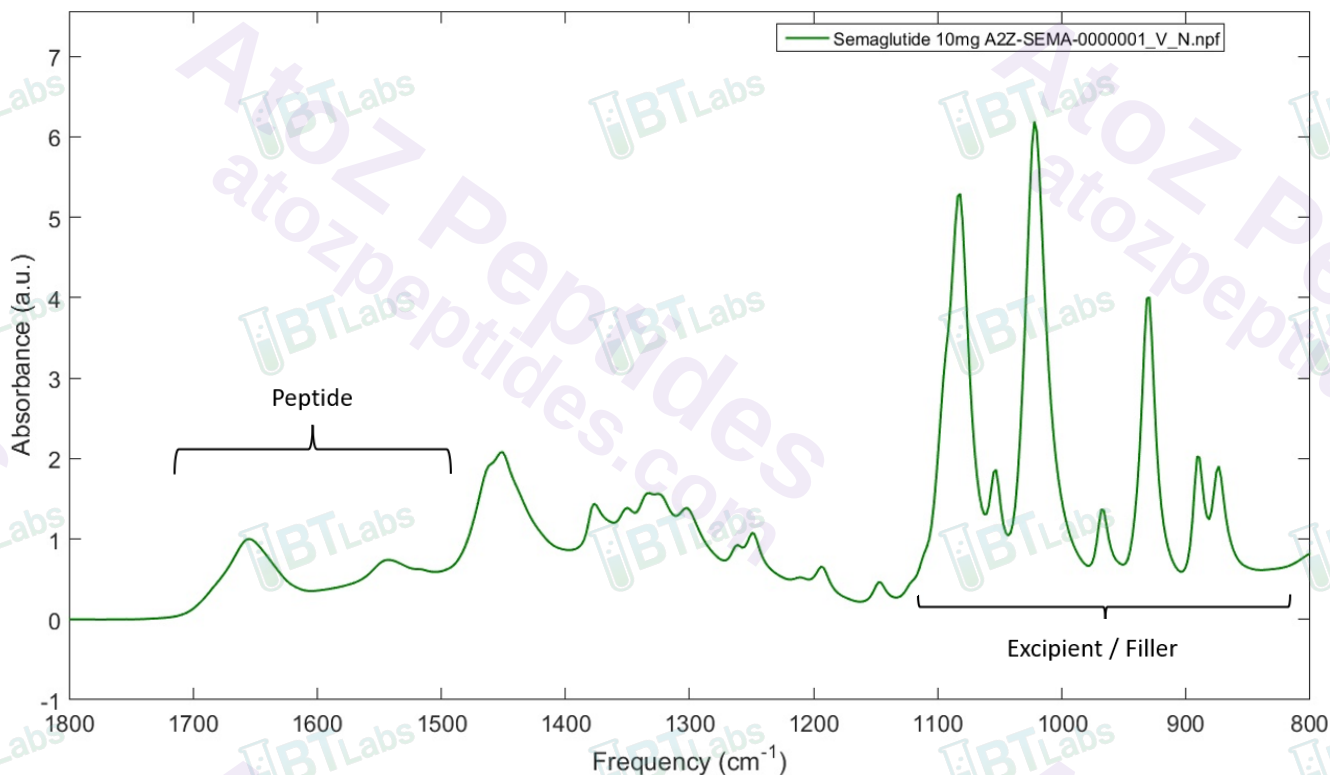
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Title:

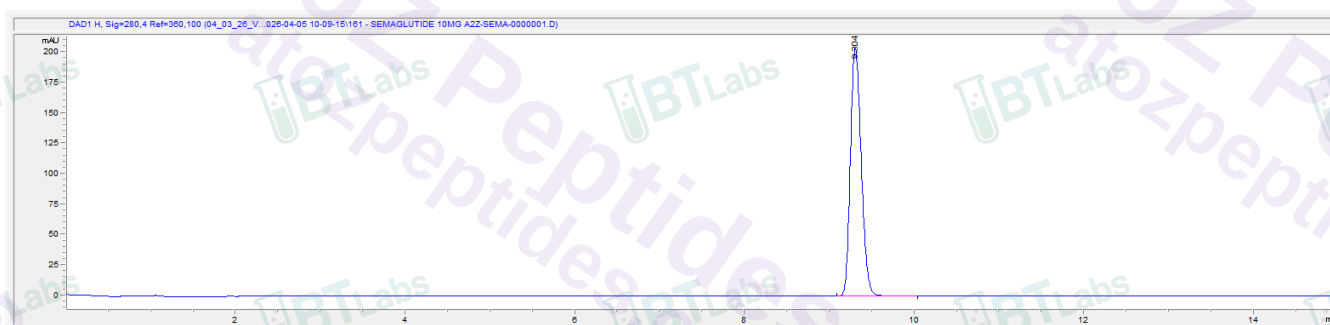
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FTIR ID and Composition Analysis: Semaglutide Lot A2Z-SEMA-0000001



HPLC Purity and Potency Assay @ 280 nm: Semaglutide Lot A2Z-SEMA-0000001



Semaglutide Lot A2Z-SEMA-0000001 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	9.304	1809.2

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