Title:

Certificate of Analysis (CoA)



Date: 3/6/2026
Date Tested: 3/2/2026
Customer: Pure Lab Peptides
Testing material: Semaglutide
Lot Number: 25765
BT Sample ID: 005000039049097
Labeled Peptide Content/Potency: 20 mg
Storage: R.T.
Visual Description: Small Clear vial: white sample, white label, copper crimp, light purple 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	79.7 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: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 20 mg	20.2 mg (101.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	20.2 : 59.5 mg (1:2.9)

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

Andrea Castro, AS
Scientist-I
BTLabs

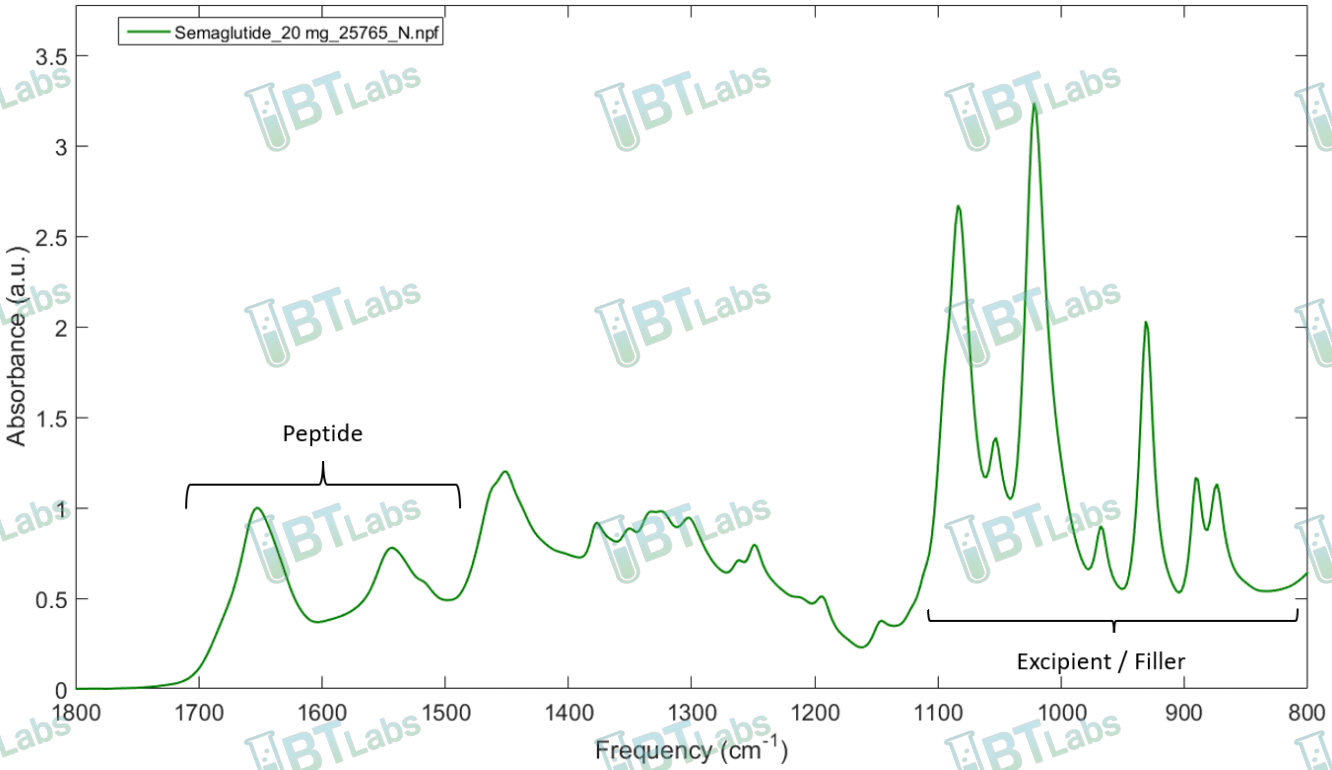
Verna Zheng, AS
Scientist-I
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

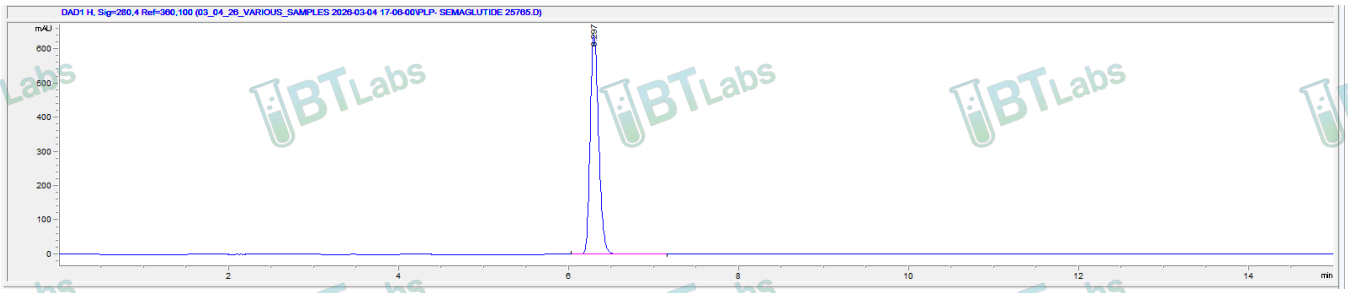
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FTIR ID and Composition Analysis: Semaglutide Lot 25765



HPLC Purity and Potency Assay @ 280 nm: Semaglutide Lot 25765



Semaglutide Lot 25765 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	6.297	4384.8

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com