Title:

Certificate of Analysis (CoA)

Date: 7/16/2026
Date Tested: 7/15/2026
Customer: Pure Lab Peptides
Testing material: Semaglutide
Lot Number: 99756
BT Sample ID: 005000040854549
Labeled Peptide Content/Potency: 20 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, clear 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	70.5 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: ≥ 98 %	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 20 mg	20.7 mg (103.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	20.7 : 49.8 mg (1:2.4)

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

Andrea Castro, AS
Scientist-II
BTLabs

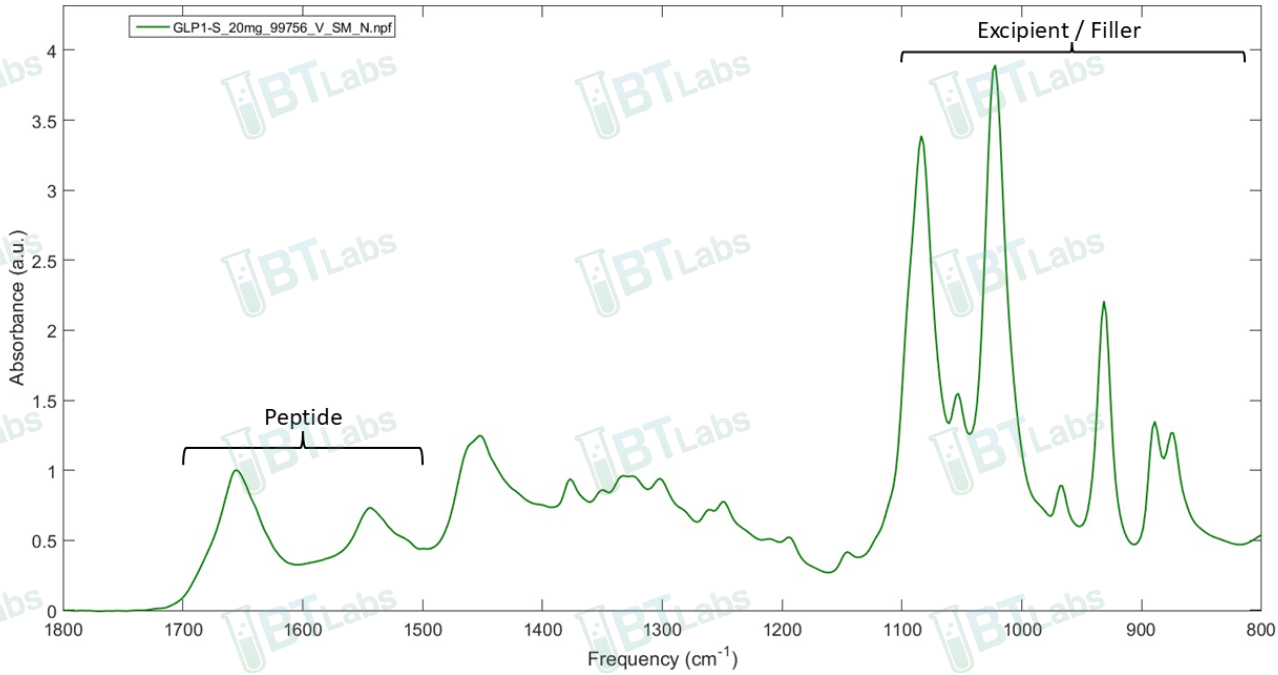
Escarlet Cabrieles, AS
Scientist-II
BTLabs

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

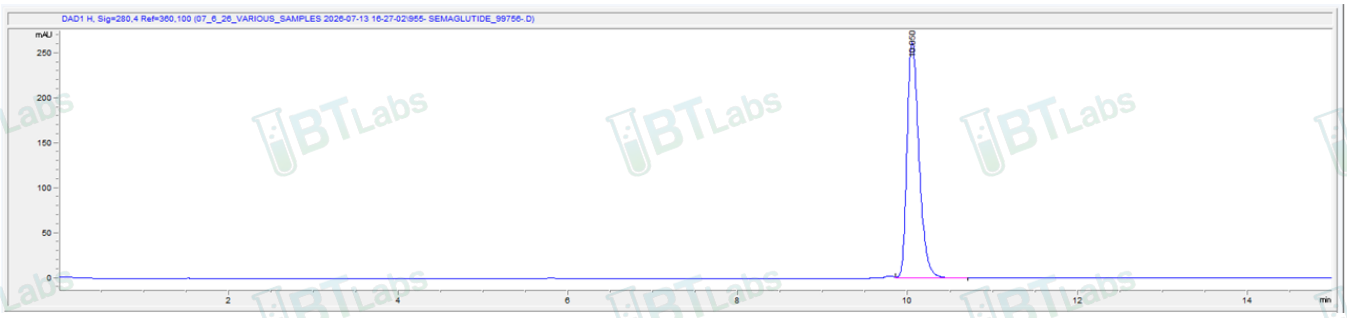
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: GLP1-S Lot 99756



HPLC Purity and Potency Assay @ 280 nm: GLP1-S Lot 99756



Semaglutide Lot 99756 @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	10.05	2567.4

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