



Report #:

IF-824-QSA-TR006-BTL260623-07-12

Page 1 of 2

Title:

Certificate of Analysis (CoA)



Date: 7/29/2026
Date Tested: 7/26/2026
Customer: Advanced Aminos
Testing material: Semaglutide
Lot Number: AA-SEM103-260603-A
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, blue 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	56.6 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: $\geq 98\%$	99.9 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	11 mg (110 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	11 : 45.6 mg (1:4.1)

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

Andrea Castro, BS
Scientist-II
BTLabs

Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407

Phone: (561) 625-0133

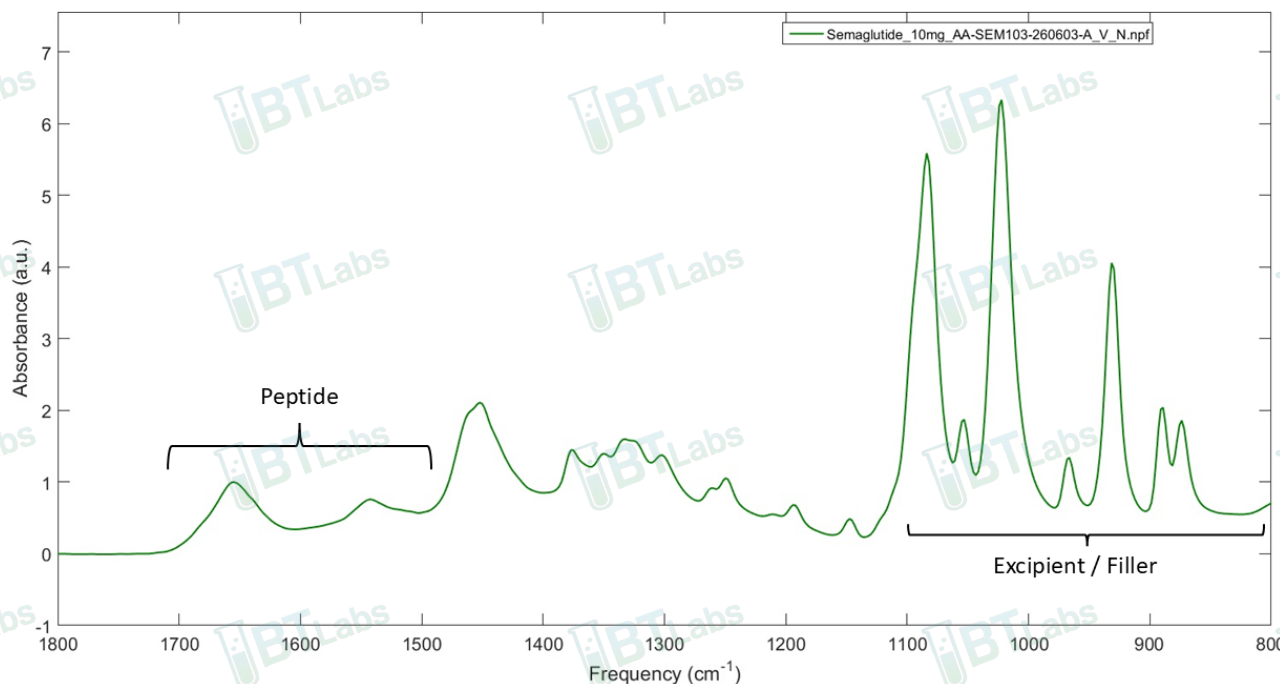
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

Title:

Certificate of Analysis (CoA)



FTIR ID and Composition Analysis: Semaglutide Lot AA-SEM103-260603-A



HPLC Purity and Potency Assay @ 280 nm: Semaglutide Lot AA-SEM103-260603-A



Semaglutide Lot AA-SEM103-260603-A @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	9.428	1706