

Title:

Certificate of Analysis (CoA)

Date: 11/18/2025
Date Tested: 11/18/2025
Customer: Green Peptide
Testing material: Semaglutide
Lot Number: N/A
BT Sample ID: 005000037101953
Labeled Peptide
Content/Potency: 10 mg
Storage: R.T.
Packing material: Clear glass vial with white label, silver crimp and yellow cap
Labeled as: Semaglutide
Manufacturer: Green Peptide
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	108.4 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 peptide with addition of excipient(s)/fillers such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98 \%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 10 mg	11.9 mg (119 %)

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

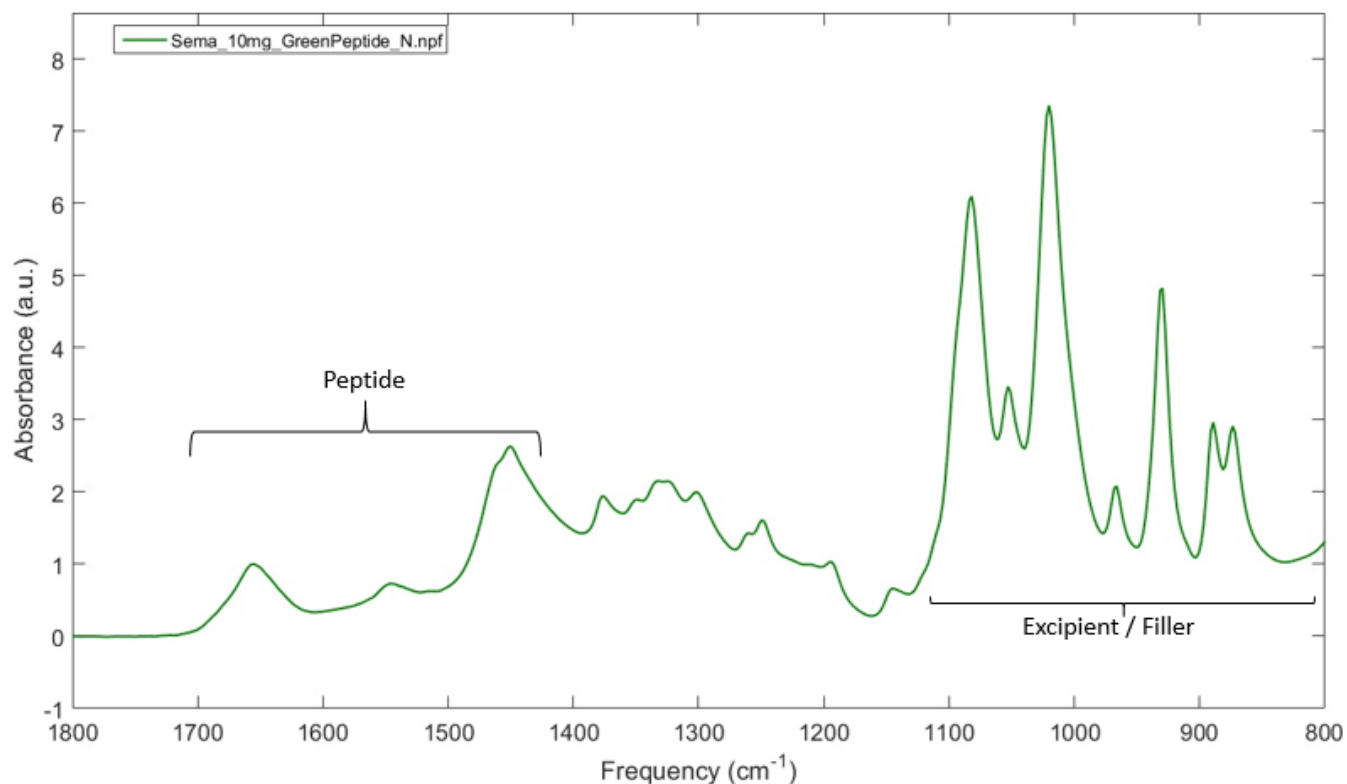
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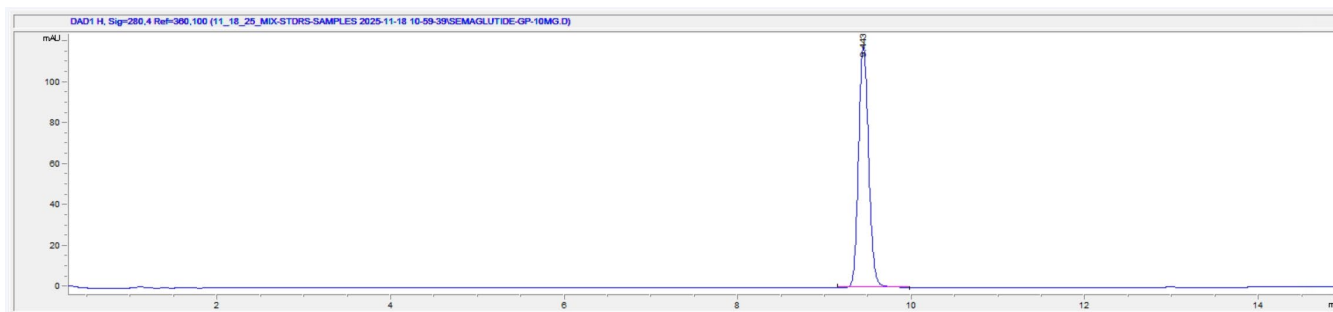
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FTIR ID and Composition Analysis: Semaglutide Green Peptide



HPLC Purity and Potency Assay @ 280 nm: Semaglutide Green Peptide



Semaglutide Green Peptide @ 280 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	9.443	961.4