

Title:

Certificate of Analysis (CoA)

Date: 1/6/2026
Date Tested: 1/6/2026
Customer: Pinnacle Peptide Labs
Testing material: Sermorelin
Lot Number: SER-26-01
BT Sample ID: 005000037965025
Labeled Peptide Content/Potency: 5 mg
Storage: R.T.
Visual Description: small clear vial: white sample, black label, silver crimp, purple plastic cap.
Labeled as: Sermorelin
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	49.5 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 peptide with addition of excipient(s)/fillers such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.4 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 5 mg	5 mg (99.2 %)

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

Andrea Castro, AS
Digitally signed by Andrea Castro, AS
DN: OU=BT Labs, O=BioTools Inc., CN=Andrea Castro, AS, E=acastro@biotools.us
Reason: I am approving this document
Location:
Date: 2026.01.06 17:31:25-05'00'
Foxit PDF Reader Version: 2025.2.1

Verna Zheng
Digitally signed by Verna Zheng
DN: O=BioTools Inc., CN=Verna Zheng, E=vzheng@biotools.us
Reason: I am the author of this document
Location:
Date: 2026.01.06 17:32:02-05'00'
Foxit PDF Reader Version: 2025.2.1

Andrea Castro, AS
Scientist-I
BTLabs

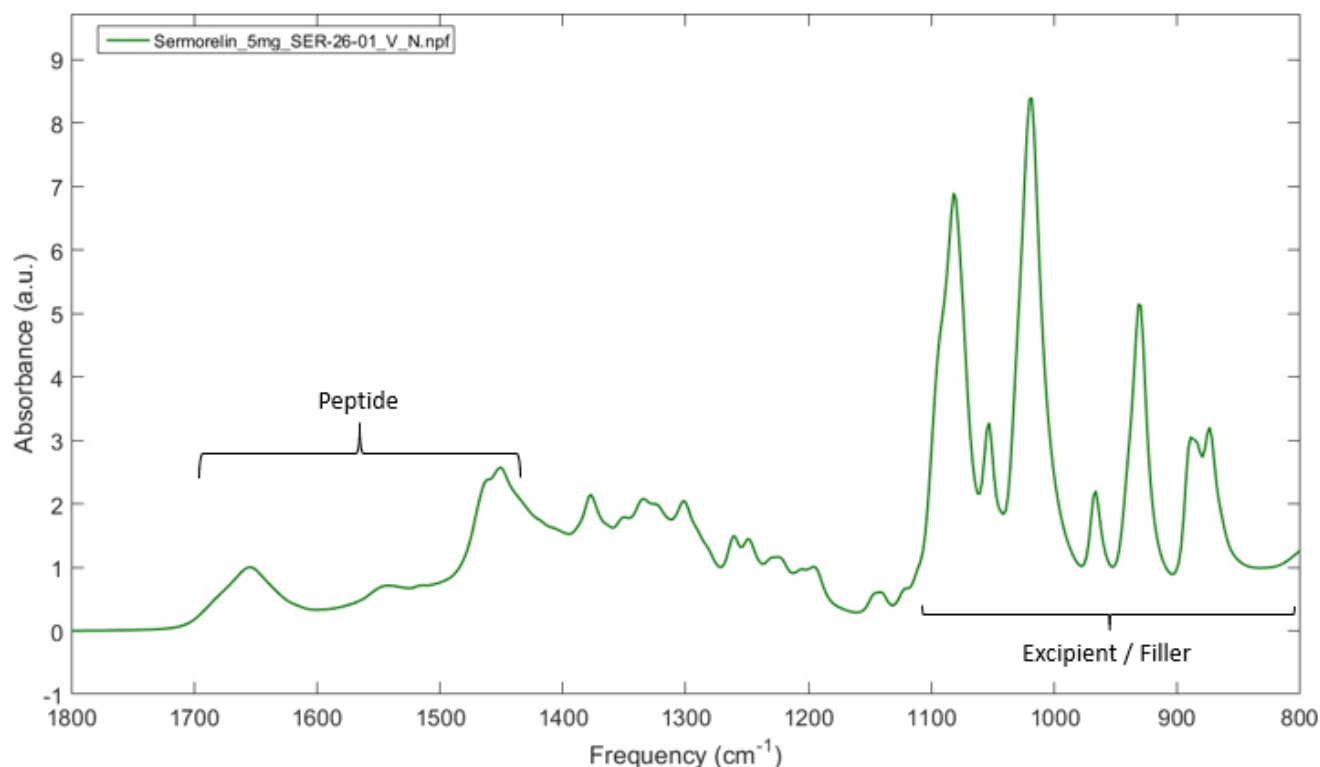
Verna Zheng, AS
Scientist-I
BTLabs

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

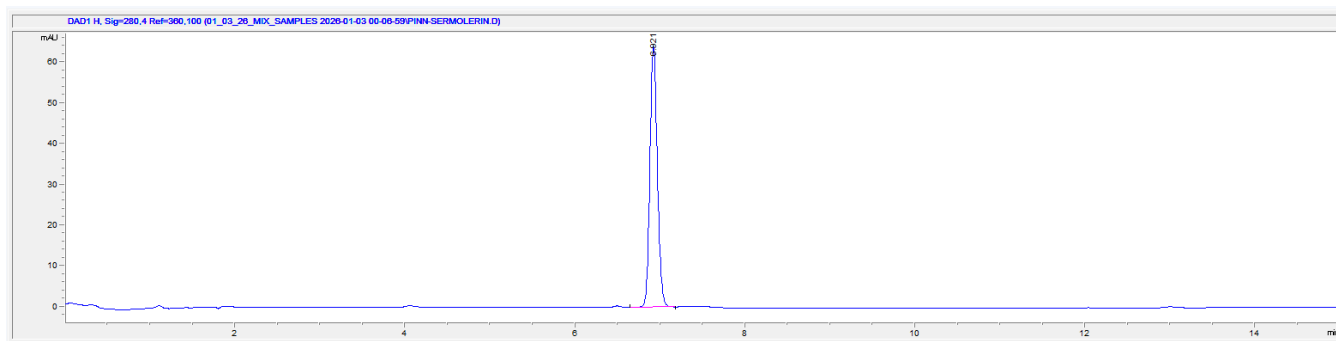
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Sermorelin Lot SER-26-01



HPLC Purity and Potency Assay @ 280 nm: Sermorelin Lot SER-26-01



Sermorelin Lot SER-26-01 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.921	397.5