



Report #:

IF-824-QSA-TR006-BTL26324-03

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Title:

Certificate of Analysis (CoA)

Date: 4/28/2026
Date Tested: 4/27/2026
Customer: Polaris Peptides
Testing material: Sermorelin
Lot Number: POL-SER10-4
BT Sample ID: 005000039823555
Labeled Peptide
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, blue plastic cap.
Labeled as: SER
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	55.8 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 Sermorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.3 mg (102.8 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.3 : 45.5 mg (1:4.4)

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

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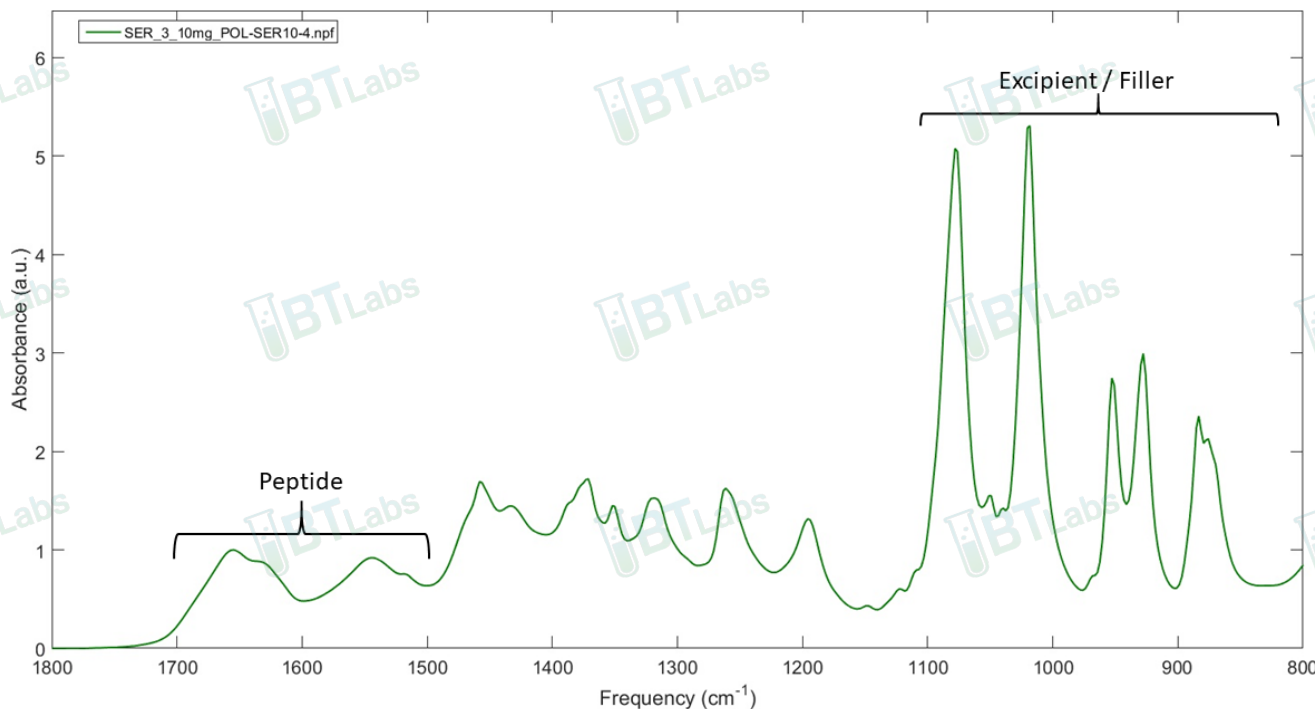
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Rev 1.0 January 2025

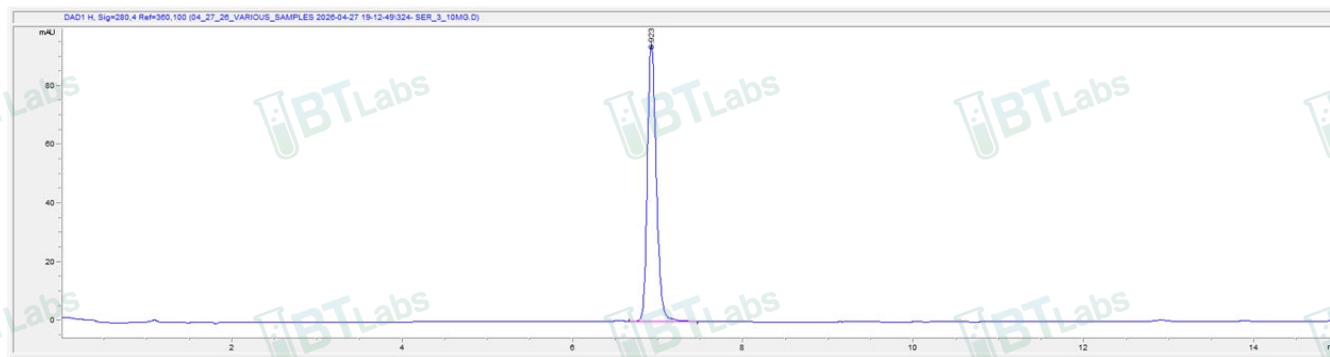
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: SER Lot POL-SER10-4



HPLC Purity and Potency Assay @ 280 nm: SER Lot POL-SER10-4



Sermorelin Lot POL-SER10-4 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.923	707.7

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Report #:

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Title:

Certificate of Analysis (CoA)

Date: 4/28/2026
Date Tested: 4/27/2026
Customer: Polaris Peptides
Testing material: Sermorelin
Lot Number: POL-SER10-4
BT Sample ID: 005000039823546
Labeled Peptide
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, blue plastic cap.
Labeled as: SER
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	51.5 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 Sermorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.5 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	9.7 mg (97.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	9.7 : 41.8 mg (1:4.3)

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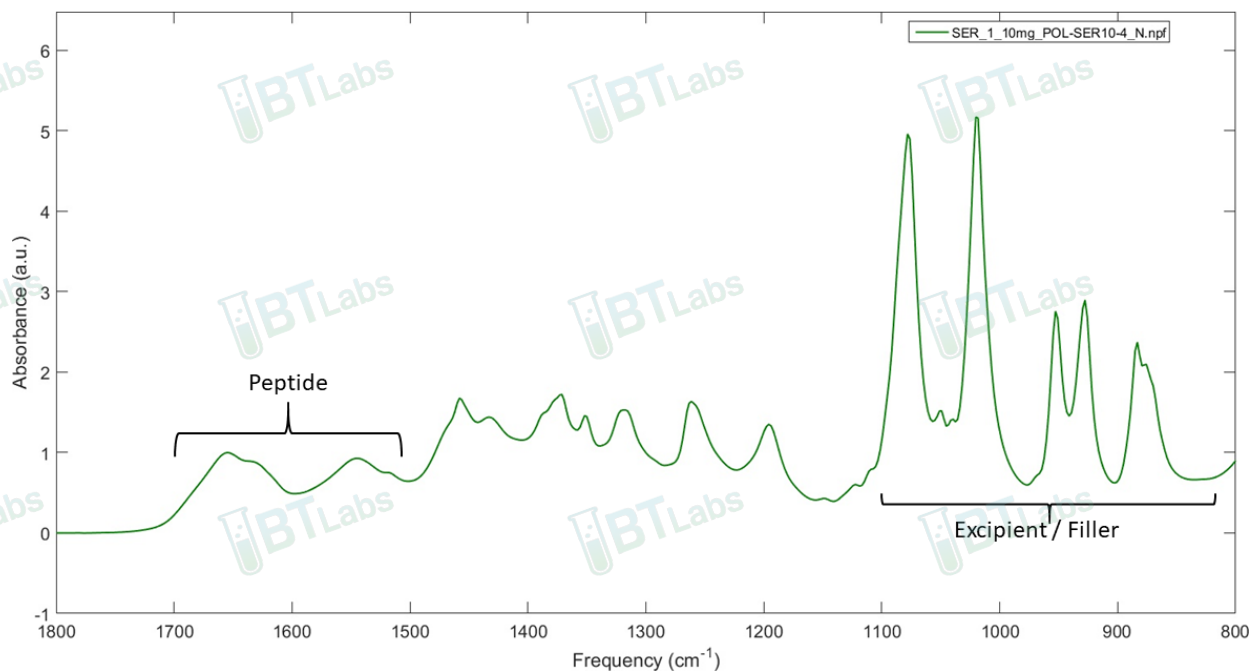
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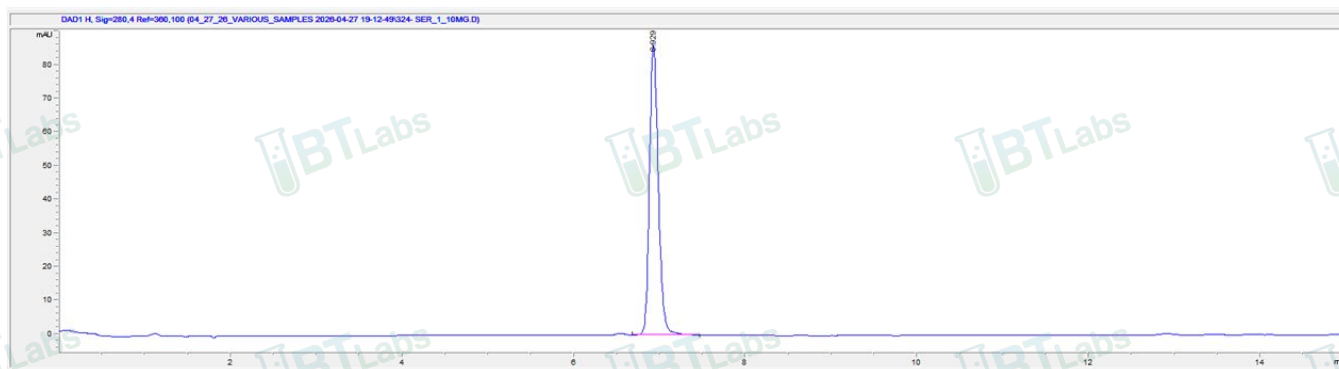
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: SER Lot POL-SER10-4



HPLC Purity and Potency Assay @ 280 nm: SER Lot POL-SER10-4



Sermorelin Lot POL-SER10-4 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.929	724.1

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Title:

Certificate of Analysis (CoA)

Date: 4/28/2026
Date Tested: 4/27/2026
Customer: Polaris Peptides
Testing material: Sermorelin
Lot Number: POL-SER10-4
BT Sample ID: 005000039823549
Labeled Peptide
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, blue plastic cap.
Labeled as: SER
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	53.9 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 Sermorelin with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	10.2 mg (102.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	10.2 : 43.7 mg (1:4.3)

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

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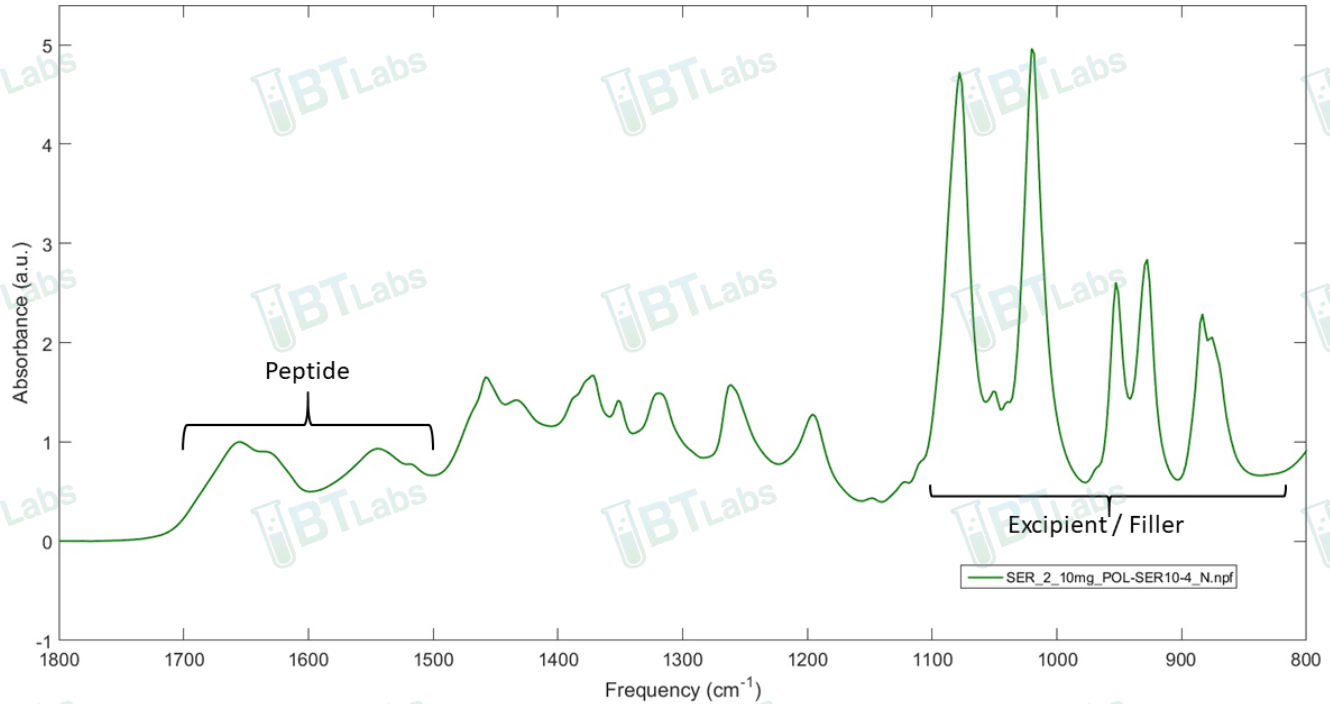
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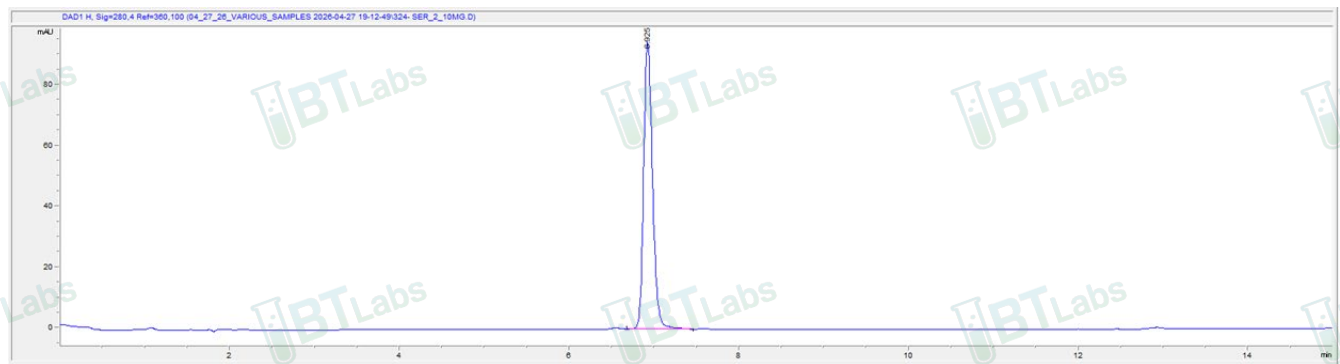
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: SER Lot POL-SER10-4



HPLC Purity and Potency Assay @ 280 nm: SER Lot POL-SER10-4



Sermorelin Lot POL-SER10-4 @ 280 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	6.925	726.6

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