



Report #:

IF-824-QSA-TR006-BTL26-1004-01

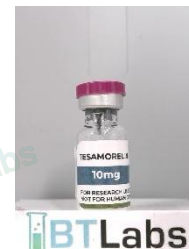
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Title:

## Certificate of Analysis (CoA)



**Date:** 7/23/2026  
**Date Tested:** 7/22/2026  
**Customer:** Regenerative Research  
**Testing material:** Tesamorelin  
**Lot Number:** TS26-05  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, purple plastic cap.  
**Labeled as:** Tesamorelin  
**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<br><630>  | white powder                                                                   | white powder                                                                                     |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 115.7 mg                                                                                         |
| FTIR Identification and Composition Analysis | USP<br><197A> | Sample spectrum should confirm the content of peptide via characteristic bands | FTIR sample spectrum confirms the presence of Tesamorelin with addition of excipient(s)/fillers. |
| HPLC Purity of Peptide Assay                 | USP<br><621>  | Specifications: $\geq 98\%$                                                    | 99.7 %                                                                                           |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 10 mg                                             | 12 mg (120.4 %)                                                                                  |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 12 : 103.7 mg (1:8.6)                                                                            |

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

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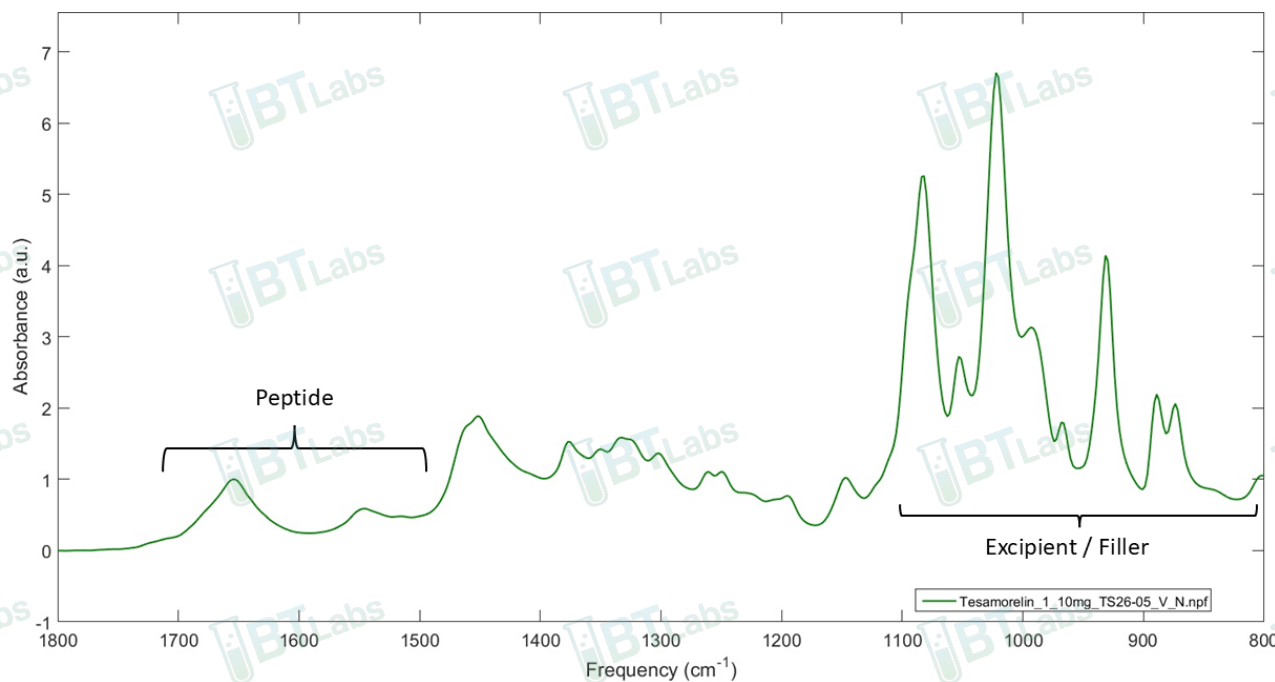
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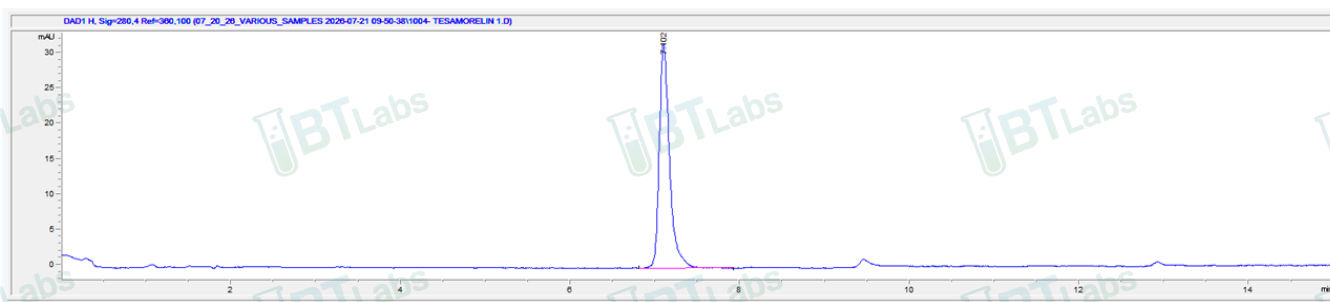
# Certificate of Analysis (CoA)



## FTIR ID and Composition Analysis: Tesamorelin Lot TS26-05



## HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot TS26-05



### Tesamorelin Lot TS26-05 @ 280 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 7.102                | 270.6        |



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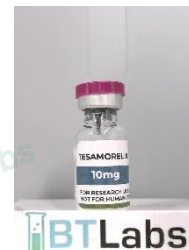
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Title:

## Certificate of Analysis (CoA)



**Date:** 7/23/2026  
**Date Tested:** 7/22/2026  
**Customer:** Regenerative Research  
**Testing material:** Tesamorelin  
**Lot Number:** TS26-05  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, purple plastic cap.  
**Labeled as:** Tesamorelin  
**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<br><630>  | white powder                                                                   | white powder                                                                                     |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 117.6 mg                                                                                         |
| FTIR Identification and Composition Analysis | USP<br><197A> | Sample spectrum should confirm the content of peptide via characteristic bands | FTIR sample spectrum confirms the presence of Tesamorelin with addition of excipient(s)/fillers. |
| HPLC Purity of Peptide Assay                 | USP<br><621>  | Specifications: $\geq 98\%$                                                    | 99.7 %                                                                                           |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 10 mg                                             | 12.6 mg (125.7 %)                                                                                |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 12.6 : 105 mg (1:8.4)                                                                            |

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

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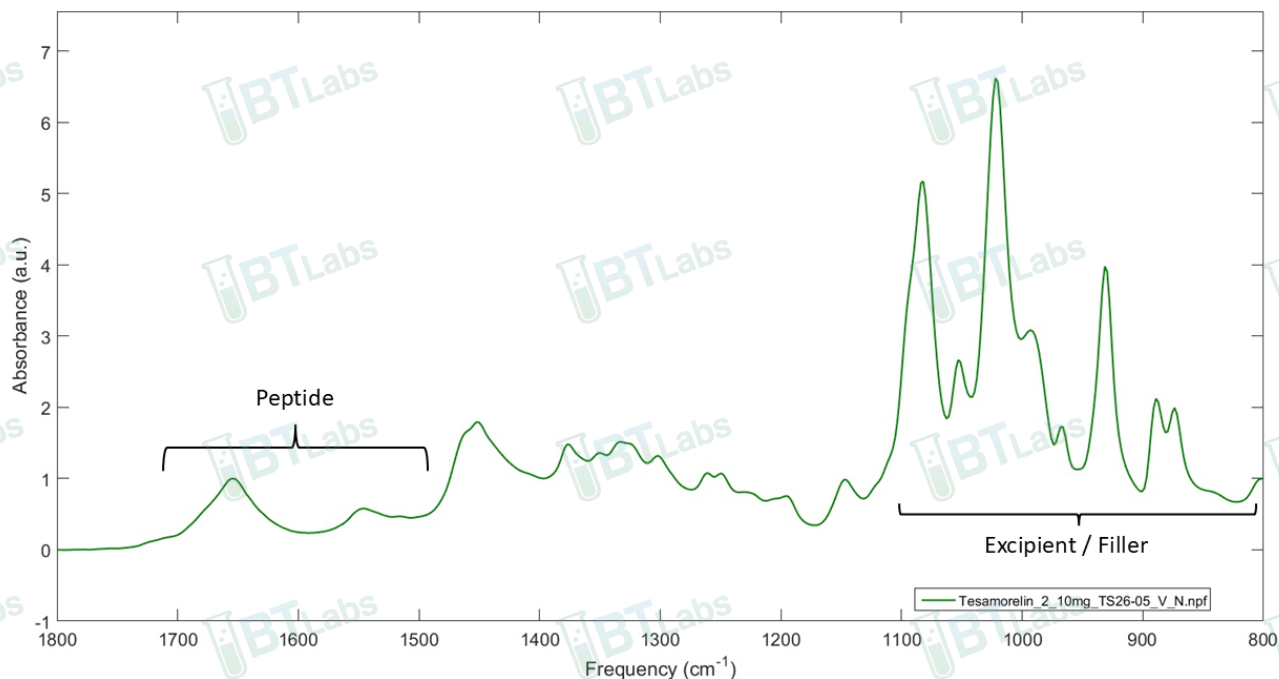
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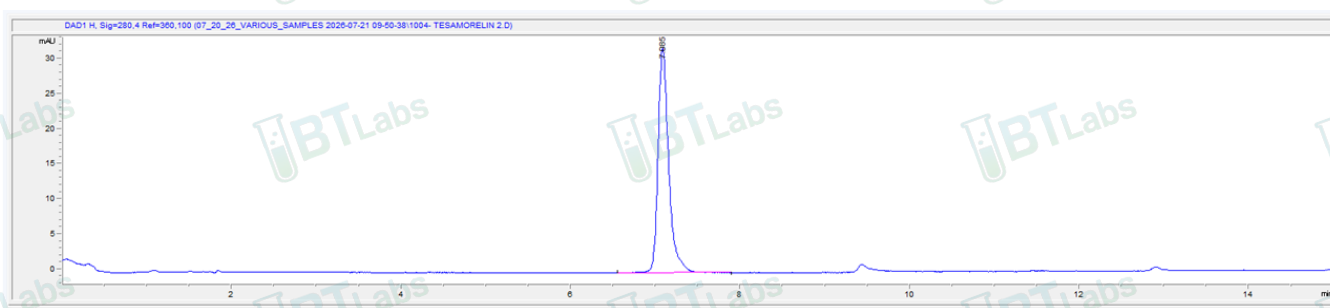
# Certificate of Analysis (CoA)



## FTIR ID and Composition Analysis: Tesamorelin Lot TS26-05



## HPLC Purity and Potency Assay @ 280 nm: Tesamorelin Lot TS26-05



### Tesamorelin Lot TS26-05 @ 280 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 7.085                | 282.8        |



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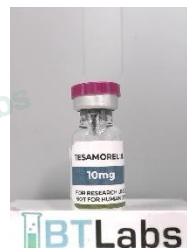
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Title:

**Certificate of Analysis (CoA)****Bacterial Endotoxins Test (ABI- TEST 0012)**

**Date:** 7/30/2026  
**Date Tested:** 7/22/2026  
**Customer:** Regenerative Research  
**Testing material:** Tesamorelin  
**Lot Number:** TS26-05  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, purple plastic cap.  
**Labeled as:** Tesamorelin  
**Manufacturer:** N/A  
**Testing Purpose:** (ABI-TEST 0012) test quantifies bacterial endotoxin levels to confirm that the product does not elicit pyrogenic reactions, maintaining patient safety and product integrity.



| Test                             | Method      | Specification            | Result |
|----------------------------------|-------------|--------------------------|--------|
| <b>Bacterial Endotoxins Test</b> | USP<br><85> | 40 EU/vial reconstituted | PASS   |

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

**Bacterial Endotoxins Test Tesamorelin Lot TS26-05**

| Sample ID | Description | Volume (mL) | Endotoxin Limit (EU/vial) | Lysate Sensitivity ( $\lambda$ , EU/mL) | Result      |
|-----------|-------------|-------------|---------------------------|-----------------------------------------|-------------|
| TS26-05   | Tesamorelin | 3           | 40 EU/vial                | 0.25                                    | 8.5 EU/vial |

The sample passed a valid gel clot endotoxin test based on the type, mode of administration and dosage.

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IF-824-QSA-TR006

Rev 1.0 January 2025



Report #:

IF-824-QSA-TR006-BTL26-1004-04

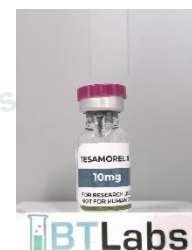
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Title:

## Certificate of Analysis (CoA)

**Sterility Test (ABI- TEST 0011)**

**Date:** 7/31/2026  
**Date Tested:** 7/15/2026  
**Customer:** Regenerative Research  
**Testing material:** Tesamorelin  
**Lot Number:** TS26-05  
**Content/Potency:** 10 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: white sample, white label, silver crimp, purple plastic cap.  
**Labeled as:** Tesamorelin  
**Manufacturer:** N/A  
**Testing Purpose:** ABI-TEST 001, determines the absence of viable contaminating microorganisms in sterile pharmaceutical products, ensuring compliance with sterility requirements.



### Sterility Test Results Tesamorelin Lot TS26-05

| Sample            | Incubation days | TSB Incubation | FTM Incubation | Remarks                          |
|-------------------|-----------------|----------------|----------------|----------------------------------|
| TS26-05           | 1-14            | No growth      | No growth      | PASS                             |
| Media only        | 1-14            | No growth      | No growth      | Media sterility confirmed        |
| Media + aerobes   | 1-14            | Growth         | N/A            | Media growth promotion confirmed |
| Media + anaerobes | 1-14            | N/A            | Growth         | Media growth promotion confirmed |

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Rev 1.0 January 2025