pH SOLUTIONS

CERTIFICATE OF ANALYSIS

261002-786-NHS-5

Issued Oct 12, 2026

SAMPLE

# Tesamorelin 20mg

Prepared for **Aevum Plus** · Lot **AEV-TSM20-20260921-01**

**PASS**

**ISO/IEC 17025:2017 ACCREDITED**

A2LA R243 · PJLA Testing #84351 · Zero recalls since 2016

181 W Huntington Dr, Suite 181, Monrovia, CA 91016 · (818) 808-9757

| BATCH / LOT | SAMPLE ID | MATRIX | PANELS RUN |
|---|---|---|---|
| AEV-TSM20-20260921-01 | 261002-786-NHS-5 | Peptide | 6 |

| RECEIVED | ANALYZED | REPORTED | CLIENT |
|---|---|---|---|
| Oct 2, 2026 | — | Oct 12, 2026 | Aevum Plus |

## PEPTIDE PURITY

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Tesamorelin — purity | 99 | % | HPLC-UV @ 274 nm | PASS |
| Tesamorelin — by mass | 15.70 | % | | PASS |

## ASSAY

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Net peptide content | 15.70 | % w/w | | — |
| Net peptide content — per gram | 157 | mg/g | | — |
| Net peptide content — per vial | 19.62 | mg/vial | | — |

## WATER ACTIVITY

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Water activity | 0.23 | aw | < 0.65 | PASS |

## MICROBIALS

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| E. Coli | Not Detected | | Not detected in 1 g | PASS |
| Salmonella spp. | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus flavus | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus fumigatus | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus niger | Not Detected | | Not detected in 1 g | PASS |
| Aspergillus terreus | Not Detected | | Not detected in 1 g | PASS |

## HEAVY METALS

Tested on the API lot

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Arsenic | Not Detected | ppm | ≤ 1.5 · LOD 0.0167 · LOQ 0.05 | PASS |
| Cadmium | Not Detected | ppm | ≤ 0.2 · LOD 0.0167 · LOQ 0.05 | PASS |
| Lead | 0.0725 | ppm | ≤ 0.5 · LOD 0.0167 · LOQ 0.05 | PASS |
| Mercury | 0.141 | ppm | ≤ 0.3 · LOD 0.0167 · LOQ 0.05 | PASS |

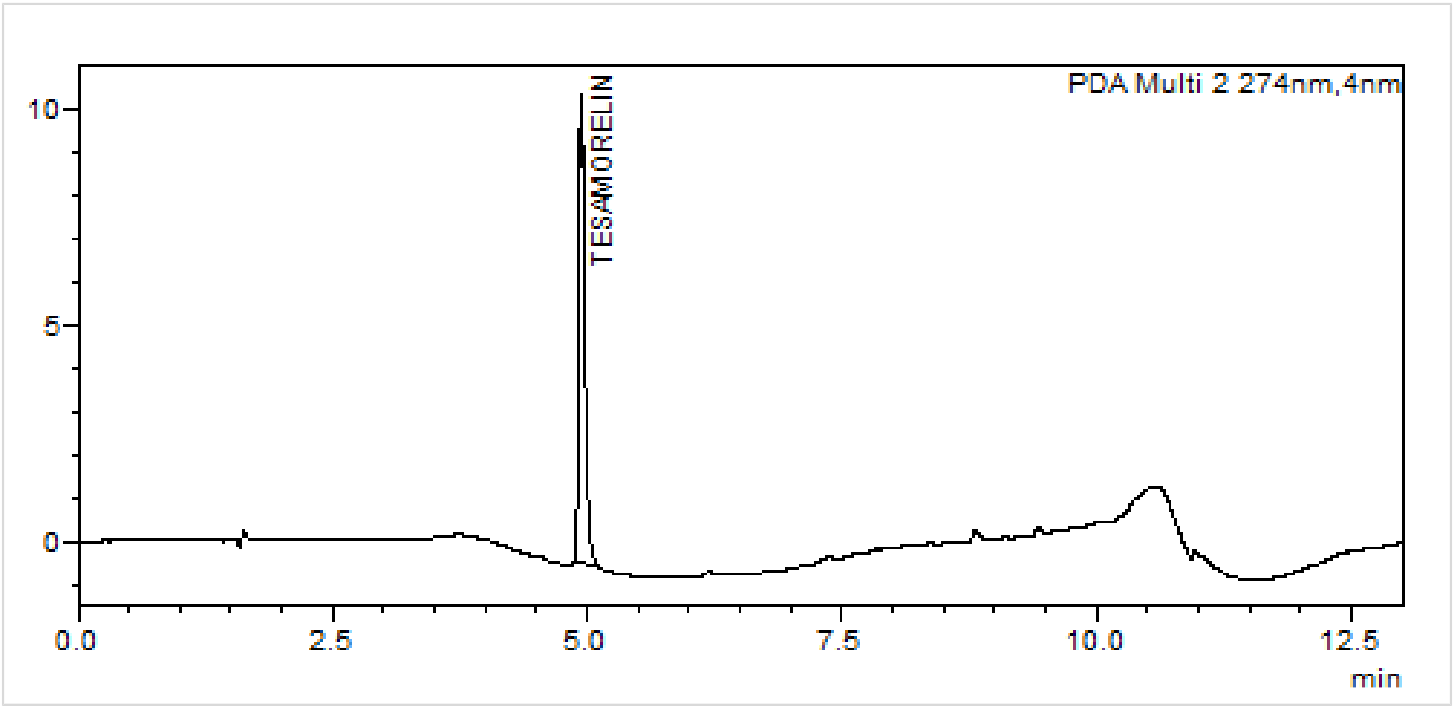
## RESIDUAL SOLVENTS

Tested on the API lot

| ANALYTE | RESULT | UNIT | LIMIT / METHOD | STATUS |
|---|---|---|---|---|
| Acetone | 2.69 | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Acetonitrile | 78.8 | ppm | ≤ 410 · LOD 0.33 · LOQ 1 | PASS |
| Benzene | Not Detected | ppm | ≤ 2 · LOD 0.33 · LOQ 1 | PASS |
| Butane | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Chloroform | Not Detected | ppm | ≤ 60 · LOD 0.33 · LOQ 1 | PASS |
| 1,2-Dichloroethane | Not Detected | ppm | ≤ 5 · LOD 0.33 · LOQ 1 | PASS |
| Ethanol | < LOQ | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Ethyl Acetate | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Ethyl Ether | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Ethylene Oxide | Not Detected | ppm | ≤ 1 · LOD 0.33 · LOQ 1 | PASS |
| Heptane | Not Detected | ppm | ≤ 290 · LOD 0.33 · LOQ 1 | PASS |
| n-Hexane | Not Detected | ppm | ≤ 290 · LOD 0.33 · LOQ 1 | PASS |
| Isopropyl Alcohol | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Methanol | Not Detected | ppm | ≤ 3000 · LOD 0.33 · LOQ 1 | PASS |

| | | | | |
|---|---|---|---|---|
| Methylene Chloride | Not Detected | ppm | ≤ 600 · LOD 0.33 · LOQ 1 | PASS |
| Pentane | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Propane | Not Detected | ppm | ≤ 5000 · LOD 0.33 · LOQ 1 | PASS |
| Toluene | Not Detected | ppm | ≤ 890 · LOD 0.33 · LOQ 1 | PASS |
| Total Xylenes | Not Detected | ppm | ≤ 2170 · LOD 0.33 · LOQ 1 | PASS |
| Trichloroethylene | Not Detected | ppm | ≤ 80 · LOD 0.33 · LOQ 1 | PASS |
| DMF | Not Detected | ppm | ≤ 880 · LOD 0.33 · LOQ 1 | PASS |

## CHROMATOGRAM




**PH SOLUTIONS LAB INC.**

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SCAN TO VERIFY

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