



# Tesamorelin

20mg / vial

✓ **VERIFIED CERTIFICATE** Status: **PASSED ALL TESTS**

| PURITY       | NET CONTENT     | IDENTITY    | STERILITY   | ENDOTOXIN   | HEAVY METALS |
|--------------|-----------------|-------------|-------------|-------------|--------------|
| <b>99.1%</b> | <b>20.64 mg</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b>  |

## SAMPLE

|                   |                           |
|-------------------|---------------------------|
| Client / Brand    | <b>Peptora</b>            |
| Product           | <b>Tesamorelin</b>        |
| Batch number      | <b>TES-260612-A3</b>      |
| Product form      | <b>Lyophilized powder</b> |
| Labeled quantity  | <b>20mg / vial</b>        |
| Molecular formula | <b>C221H366N72O67S</b>    |
| CAS number        | <b>218949-48-5</b>        |
| Cap color         | <b>Green</b>              |

## RESULTS

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| Purity                                                    | <b>99.1%</b>        |
| Net content                                               | <b>20.64 mg</b>     |
| Identity LC-MS                                            | <b>Confirmed</b>    |
| Endotoxin (LAL)                                           | <b>0.04 EU/mL</b>   |
| Sterility                                                 | <b>No growth</b>    |
| Heavy metals                                              | <b>&lt; 0.1 ppm</b> |
| As 0.068 ppm · Cd 0.037 ppm · Pb 0.065 ppm · Hg 0.025 ppm |                     |

## BATCH CONFORMITY

| VIAL                 | PURITY       | NET CONTENT     |
|----------------------|--------------|-----------------|
| V-01                 | 99.32%       | 18.89 mg        |
| V-02                 | 98.49%       | 20.92 mg        |
| V-03                 | 99.49%       | 22.12 mg        |
| <b>Batch average</b> | <b>99.1%</b> | <b>20.64 mg</b> |

## HPLC CHROMATOGRAM



Generated chromatogram visualization — not raw HPLC data.

| METHOD                           | COLUMN                           | DETECTION        | RETENTION TIME  |
|----------------------------------|----------------------------------|------------------|-----------------|
| <b>RP-HPLC (USP &lt;621&gt;)</b> | <b>C18, 4.6 × 150 mm, 3.5 μm</b> | <b>UV 214 nm</b> | <b>8.25 min</b> |

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QR VERIFICATION  
Scan to verify authenticity  
[elementrix.pro/verify/ELX-20260701-71633](https://elementrix.pro/verify/ELX-20260701-71633)

CERTIFICATE REFERENCE  
Report # ELX-20260701-71633  
Access Code ELX-932373  
Batch TES-260612-A3