



# Sermorelin

10mg / vial

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

| PURITY        | NET CONTENT    | IDENTITY    | STERILITY   | ENDOTOXIN   | HEAVY METALS |
|---------------|----------------|-------------|-------------|-------------|--------------|
| <b>99.45%</b> | <b>10.2 mg</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b>  |

## SAMPLE

|                   |                    |
|-------------------|--------------------|
| Client / Brand    | Peptora            |
| Product           | Sermorelin         |
| Batch number      | SER-260903-Q5      |
| Product form      | Lyophilized powder |
| Labeled quantity  | 10mg / vial        |
| Molecular formula | C149H246N44O42S    |
| CAS number        | 86168-78-7         |
| Cap color         | Black              |

## RESULTS

|                 |            |
|-----------------|------------|
| Purity          | 99.45%     |
| Net content     | 10.2 mg    |
| Identity LC-MS  | Confirmed  |
| Endotoxin (LAL) | 0.03 EU/mL |
| Sterility       | No growth  |
| Heavy metals    | < 0.1 ppm  |

As 0.057 ppm · Cd 0.004 ppm · Pb 0.016 ppm · Hg 0.009 ppm

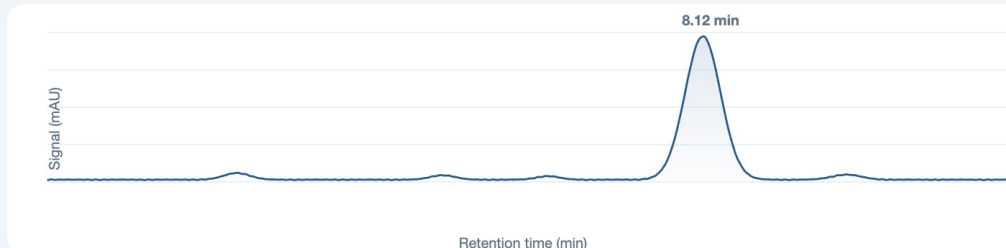
## ADDITIONAL TESTS

|                            |              |
|----------------------------|--------------|
| Fentanyl Presence Analysis | Not detected |
|----------------------------|--------------|

## BATCH CONFORMITY

| VIAL                 | PURITY        | NET CONTENT    |
|----------------------|---------------|----------------|
| V-01                 | 99.52%        | 10.34 mg       |
| V-02                 | 99.33%        | 9.95 mg        |
| V-03                 | 99.51%        | 10.3 mg        |
| <b>Batch average</b> | <b>99.45%</b> | <b>10.2 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>8.12 min</b> |