



**PT-141 (Bremelanotide)**  
10mg / vial

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

| PURITY        | NET CONTENT     | IDENTITY    | STERILITY   | ENDOTOXIN   | HEAVY METALS |
|---------------|-----------------|-------------|-------------|-------------|--------------|
| <b>99.24%</b> | <b>10.34 mg</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b>  |

**SAMPLE**

|                   |                               |
|-------------------|-------------------------------|
| Client / Brand    | <b>Peptora</b>                |
| Product           | <b>PT-141 (Bremelanotide)</b> |
| Batch number      | <b>PTB-260714-A2</b>          |
| Product form      | <b>Lyophilized powder</b>     |
| Labeled quantity  | <b>10mg / vial</b>            |
| Molecular formula | <b>C50H68N14O10</b>           |
| CAS number        | <b>189691-06-3</b>            |
| Cap color         | <b>Black</b>                  |

**RESULTS**

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| Purity                                                    | <b>99.24%</b>       |
| Net content                                               | <b>10.34 mg</b>     |
| Identity LC-MS                                            | <b>Confirmed</b>    |
| Endotoxin (LAL)                                           | <b>0.16 EU/mL</b>   |
| Sterility                                                 | <b>No growth</b>    |
| Heavy metals                                              | <b>&lt; 0.1 ppm</b> |
| As 0.028 ppm · Cd 0.023 ppm · Pb 0.015 ppm · Hg 0.034 ppm |                     |

**ADDITIONAL TESTS**

|                            |                     |
|----------------------------|---------------------|
| Fentanyl Presence Analysis | <b>Not detected</b> |
|----------------------------|---------------------|

**BATCH CONFORMITY**

| VIAL                 | PURITY        | NET CONTENT     |
|----------------------|---------------|-----------------|
| V-01                 | 98.58%        | 10.7 mg         |
| V-02                 | 99.42%        | 11.38 mg        |
| V-03                 | 99.71%        | 8.93 mg         |
| <b>Batch average</b> | <b>99.24%</b> | <b>10.34 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>8.24 min</b> |