# Elementrix

CERTIFICATE OF ANALYSIS

## PT-141 (Bremelanotide)

10mg / vial

REPORT NUMBER
ELX-20260714-14724

CERTIFIED
July 16, 2026

### VERIFIED CERTIFICATE Status: PASSED ALL TESTS

| PURITY | NET CONTENT | IDENTITY | STERILITY | ENDOTOXIN | HEAVY METALS |
|---|---|---|---|---|---|
| 99.24% | 10.34 mg | PASS | PASS | PASS | PASS |

### SAMPLE

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

### RESULTS

| | |
|---|---|
| Purity | 99.24% |
| Net content | 10.34 mg |
| Identity LC-MS | Confirmed |
| Endotoxin (LAL) | 0.16 EU/mL |
| Sterility | No growth |
| Heavy metals | < 0.1 ppm |

As 0.028 ppm · Cd 0.023 ppm · Pb 0.015 ppm · Hg 0.034 ppm

### ADDITIONAL TESTS

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

### 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 |
| **Batch average** | **99.24%** | **10.34 mg** |

### HPLC CHROMATOGRAM




*Generated chromatogram visualization — not raw HPLC data.*

| METHOD | COLUMN | DETECTION | RETENTION TIME |
|---|---|---|---|
| RP-HPLC (USP <621>) | C18, 4.6 × 150 mm, 3.5 µm | UV 214 nm | 8.24 min |

AUTHORIZED BY
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QR VERIFICATION
Scan to verify authenticity
elementrix.pro/verify/ELX-20260714-14724

CERTIFICATE REFERENCE
Report # ELX-20260714-14724
Access Code ELX-660318
Batch PTB-260714-A2