# Certificate of Analysis

FREEDOM DIAGNOSTICS

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Searchable via: FreedomDiagnosticsTesting.com

| | |
|---|---|
| **Accession Number** | 2512310001 |
| **Client** | Lorphion Labs |
| **Search Code** | Lorp2512310001 |

| | |
|---|---|
| **Received Date:** | 12/31/2025 |
| **Reported Date:** | 1/1/2026 |

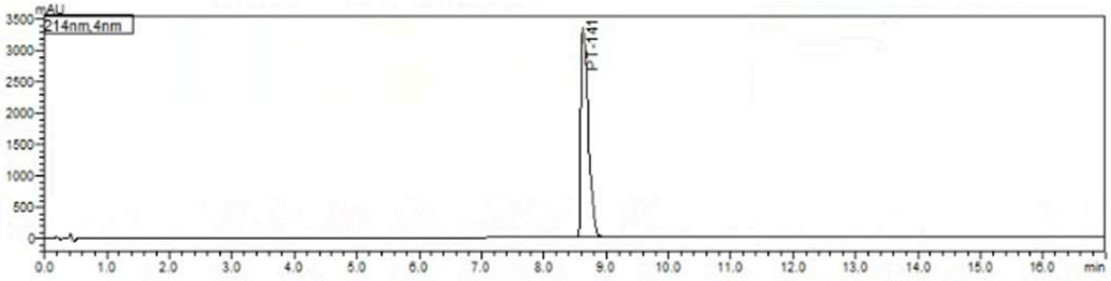
| | |
|---|---|
| **Product** | PT-141 10mg |
| **Net Peptide Content** | Vial 1: 11.26 mg<br>Vial 2: 11.63 mg<br>Vial 3: 11.34 mg |
| **Average Net Peptide** | 11.41 mg |

| | |
|---|---|
| **Lot** | PT10-004 |
| **Purity** | Vial 1: 99.951%<br>Vial 2: 99.921%<br>Vial 3: 99.934% |
| **Appearance** | White Lyophilized Powder |

| Endotoxin Threshold | | Result |
|---|---|---|
| **Replicate 1** | **≤ 0.05 EU/mL** | **Pass** |
| **Replicate 2** | **≤ 0.05 EU/mL** | **Pass** |

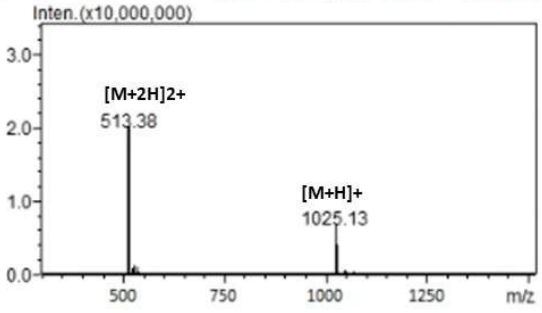
**All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry**

| Mass Identification | Average Purity |
|---|---|
| **PT-141** | **99.953%** |










*Stephen Schmidt*

Stephen Schmidt

Principal Chemist

## COA: 2512310001

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.