

**CERTIFICATE OF ANALYSIS**

<b>Product Name:</b>	PT-141	<b>CAS Number:</b>	1607799-13-2
<b>Molecular Formula:</b>	C <sub>50</sub> H <sub>68</sub> N <sub>14</sub> O <sub>10</sub>	<b>Molecular Weight:</b>	1025.2
<b>Quantity:</b>	1000.0mg	<b>Date of Analysis:</b>	2024-03-15
<b>Storage:</b>	Cool, dry place	<b>Retest Date:</b>	2026-03-15

<b>Sequence:</b>	Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-OH
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Tests	Specifications	Results
Appearance	White to off white powder	Conforms
Purity (HPLC)	≥98.0%	98.26%
Acetate Content (HPLC)	N/A	N/A
Peptide Content (N%)	≥80.0%	84.7%
Water Content (Karl Fischer)	N/A	N/A
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

<b>Conclusion:</b>	Complies with the manufacturer's standard.
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**DISCLAIMER:**

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.
- 2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
- 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.
- 4) It is NOT a drug or a controlled substance.
- 5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- 6) The material is NON-HAZARDOUS.