

CERTIFICATE OF ANALYSIS

Product Name:	IGF-LR3	CAS Number:	946870-92-4
Molecular Formula:	$C_{400}H_{625}N_{111}O_{115}S_9$	Molecular Weight:	9111±2Da
Quantity:	1.0 mg/vial	Date of Analysis:	2025-02-09
Storage:	2-8°C for 2 years	Retest Date:	2027-02-10

Sequence:	ly-Ile-Gly-Lys-Phe-Leu-Lys-Lys-Ala-Lys-Lys-Phe-Gly-Lys-Ala-Phe-Val-Lys-Ile-Leu-Lys-Lys
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Tests	Specifications	Results
Appearance	White powder	Conforms
Purity (HPLC)	≥95.0%	97.06%
Acetate Content (HPLC)	≤2.0%	Conforms
Peptide Content (N%)	≥80.0%	87%
Water Content (Karl Fischer)	≤3.0%	1.8%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion:	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.