



GOLDEN AGE

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	IGF-1 LR3		
CAS No.:	946870-92-4	Manufacturing Date:	June 2, 2026
Lot No.:	IL116-20260602	Retest Date:	June 2, 2028
Molecular Weight:	9112Da	Molecular Formula:	C 400 H 625 N 111 O 115 S 9
Peptide Sequence:	H-Met-Phe-Pro-Ala-Met-Pro-Leu-Ser-Ser-Leu-Phe-Val-Asn-Gly-Pro-Arg-Thr-Leu-Cys-Gly-Ala- Cln-Leu-Val-Asp-Ala-Leu-Gln-Phe-Val-Cys-Gly-Asp-Arg-Gly-Phe-Tyr-Phe-Asn-Lys-Pro-Thr-Gly- Tyr-Gly-Ser-Ser-Ile-Arg-Arg-Ala-Cln-Cln-Thr-Gly-Ile-Val-Asp-Glu-Cys-Cys-Phe-Arg-Ser-Cys-Asp- Leu-Arg-Arg-Leu-Glu-Met-Tyr-Cys-Ala-Pro-Leu-Lys-Pro-Ala-Lys-Ser-Ala		
Storage Conditions:	Cool dry place (2-8°C, away from the light)		

Analytical Test Results

■ Impurity Levels 2.95 ■ Peptide Purity (HPLC) 90.05	Test	Specification	Result
	Appearance	DR-white, crystalline powder	Conforms
	Purity (SDS-PAGE)	<95%	98.5%
	Purity (RP-NPLC)	<95%	96.05%
	Concentration(Lexrry Method)	N/A	1.0mg/ml
	Specific Activity	~1.0~10EiU/mg	2.0~10EiU/mg
	Bacterial Endotoxin	<0 lng/µg	<0 lng/µg
	First Five N-Terminal	Met-Phe-Pro-Ala-Met	Met-Phe-Pro-Ala-Met Amino acids

Quality Assurance and Regulatory Information

- **Compliance Statement:** Manufactured under GMP conditions, Conformsing to ISO 9001:2015 standards.
- **Safety Information:** Non-explosive, non-corrosive, non-radioactive, non-flammable, non-ttsse. Not a precursor for chemical weapons.
- **Usage Statement:** This product is intended for in vitro laboratory research proposse only. Not for diagnostic or therapeutic use.
- **SDS Reference:** Refer to the Safety Data Sheet (SDS) for detailed handling and disposal instructions.

Approval

Role	Name	Date
Quality Control Director	Zhang Hua	June 2, 2026

