

# CERTIFICATE OF ANALYSIS

## 1. PRODUCT INFORMATION

Product Name	IGF-1 LR3
CAS Number	NA
Molecular Formula	NA
Form	Lyophilized powder
Molecular Weight	NA
Batch / Lot Number	PE251220D-1
Manufacturing Date	12/20/2025
Report Date	02/02/2026
Retest Date	11/30/2027
Quantity	1 mg
Storage Conditions	Light-proof, sealed, stored at -15°C or below

## 2. GENERAL PROPERTIES

No.	Test Parameter	Specification	Result	Status
2.1	Appearance	White to off-white, light yellow powder	Conforms	Pass
2.2	Identification (SDS-PAGE)	9.1±0.2 KDa band, consistent with reference	Conforms	Pass

## 3. RESIDUAL SOLVENTS

No.	Test Parameter	Specification	Result	Status
3.1	NA	NA	NA	NA

## 4. RELATED SUBSTANCES (HPLC)

No.	Test Parameter	Specification	Result	Status
4.1	Purity (RP-HPLC)	NLT 85.0%	97.3%	Pass

## 5. BIOLOGICAL TESTING

No.	Test Parameter	Specification	Result	Status
5.1	Activity	≥ 6.7×10 <sup>5</sup> IU/mg	N/A	N/A
5.2	Microbial Limits	NMT 100 cfu/g	Conforms	Pass
5.3	Bacterial Endotoxins	NMT 50 EU/mg	Conforms	Pass
5.4	Host DNA Residual	NMT 10 ng/mg	Conforms	Pass

## 6. ASSAY

No.	Test Parameter	Specification	Result	Status
6.1	Content (Assay)	5.0% - 15.0%	11.3%	Pass

## 7. CONCLUSION

The product tested complies with the specifications.

--- End of Certificate ---