Certificate of Analysis

Item	Detail
Product Name	IGF-1 LR3
Molecular Formula	$C_{845}H_{1343}N_{241}O_{253}S_7$
Molecular Weight	~ 9,100 Da
Date of Survey	2026/09/16
Reference Standard	Enterprise Standard

TEST	SPECIFICATION	RESULT
Appearance	White to off-white lyophilized powder	Conform
Solubility	Soluble in 10 mM acetic acid or PBS (pH 2-3)	Conform
Identity By MS	9100 ± 5	9097.2
Water Content (Karl Fischer)	≤ 8.0%	4.2%
Peptide Purity (By HPLC)	≥ 95.0%	98.8%
Related Substance (By HPLC)	Total Impurities ≤ 5.0%	3.2%
	Largest Single Impurity ≤ 3.0%	1.8%
Dimer/Aggregate (By SEC-HPLC)	≤ 2.0%	1.1%
Assay (by HPLC)	90.0% - 110.0%	99.2%
Bacterial Endotoxin	< 10 EU/mg	< 10 EU/mg
Conclusion: the product conforms with enterprise standard and qualified		

Research Enhanced Peptides

The product is for compliant use only.