



Product Name	IGF1-LR3	CAS #	946870-92-4
Molecular Formula	C400H625N1110115S9	Molecular Weight	9112Da
Batch #	JD230213P	Date of Mfg	2023-02-27
Reference Standard	Enterprise Standard	Retest Date	2025-02-26
Storage	In an airtight container, protected from light, at a temp of 2C to 8C		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	$\leq 8.0\%$	1.80%
Peptide Purity (By HPLC)	$\geq 98.0\%$	97.32%
Related Substance (By HPLC)	Total Impurities (%) $\leq 2.0\%$	1.12%
	Largest Single Impurity (%) $\leq 1.0\%$	0.80%
Bacterial Endotoxins	$\leq 10\text{EU/mg}$	Conform
Residual Solvents	Acetonitrile: NMT 410ppm	34ppm
	Dichloromethane: NMT 600ppm	Not Detected
	DMF: NMT 880ppm	Not Detected

Conclusion	This batch conforms with enterprise standards and qualified
Test Performed By	Mike M
Test Date	3/2/23