

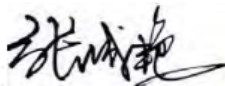
# Certificate of Analysis

LR3 IGF (powder)

Batch K95925

	Spec. Values		Batch Values	
Purity SDS Page	single band $\geq$ 95% with the same electrophoretic mobility as the reference standard		passes test	
Identity RP HPLC	Major peak $\geq$ 60% of total area, profile matches that of the reference standard		passes test	
Identity Mass spectrometry	9108 - 9112	Dalton	9111	Dalton
Appearance	white or creamy crystalline substance		passes test	
Al (Aluminum)	$\leq 20.0$	ppm	$< 6.0$	ppm
Fe (Iron)	$\leq 130.0$	ppm	$< 30.0$	ppm
Mn (Manganese)	$\leq 25.0$	ppm	$< 9.0$	ppm
Ni (Nickel)*	$\leq 30.0$	ppm	$< 9.0$	ppm
Zn (Zinc)	$\leq 130.0$	ppm	$< 30.0$	ppm
Endotoxins	$\leq 100$	E.U./mg	$< 1$	E.U./mg
TAMC (Total aerobic microbial count)	$\leq 10$	CFU/g	$< 10$	CFU/g
TYMC (Total yeast and mould count)	$\leq 10$	CFU/g	$< 10$	CFU/g
CHO Fed-Batch Assay	passes test		passes test	
Rat Myoblast Assay	passes test		passes test	

Certified by:



Quality Assurance Department

JUNE/25/2025

