



XI'AN JULONG BIO-TECH CO.,LTD

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Certificate of Analysis--HGH-191

Product Name	HGH-191	Batch No	JL-20191027
Quantity	500vials	Analysis Date	Oct,28th,2019
Mfg. Date	Oct,27th,2019	Exp. Date	Oct,26th,2021
Package	10vial/box	Standard	USP
Item	Standard	Results	Determination
Description	White/yellowish powder or floccule, No mildew and no deterioration	White powder, No mildew and No deterioration	Complies
Odor	No peculiar smell	No peculiar smell	Complies
Protein Net Quantity(byUV)	≥3.7mg	3.95mg	Complies
Solubility	Clear at higher than 1mg/ml	Clear	Complies
Protein purity(HPLC-SEC)	≥90%	99.7%	Complies
Protein purity(HPLC-PAGE)	≥95%	98.1%	Complies
Biochemical Activity (non-reducing SDS- PAGE)	The purity of 18kD stripe higher than 95%	98.1%	Complies
Bioactivity	≥101U/vial	Pass	Complies
Endotoxin	<5EU/mg	<0.625EU/mg	Complies
Aerobic bacterial count	≤1cfuvial	<1cfuvial	Complies
Storeat	Cool dry place(2-8℃, away from the light)		
Conclusion	Complies with the USP standard		

QC MANAGER: **董卓** INSPECTOR: **张赞** ANALYST: **王胜利**

