



XI'AN JULONG BIO-TECH CO.,LTD

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Certificate of Analysis- HGH

Product Name	HGH	Batch No	JL-20201120
Quantity	1000 boxes	Analysis Date	Nov.20th,2020
Mfg. Date	Nov.20th,2020	Exp. Date	Nov.19th,2022
Items	Specifications	Results	
Appearance	White /yellowish powder or floccule. No Mildew and no deterioration	Conforms	
Odor	No peculiar smell	Conforms	
Protein Net Quantity (by UV)	$\geq 3.7\text{mg}$	3.96mg	
Solubility	A little precipitation or clear at higher than 1mg/ml	Conforms	
Protein purity (HPLC-SEC)	$\geq 90\%$	99.8%	
Protein purity(SDS-PAGE)	$\geq 95\%$	99.6%	
Biochemical Activity (non-reducing SDS-PAGE)	The purity of 18kD stripe higher than 95%	96.2%	
Bioactivity	$\geq 10\text{iu/vial}$	Conforms	
Endotoxin	$< 5\text{EU/mg}$	0.625EU/mg	
Aerobic bacterial count	$\leq 1\text{cfu/vial}$	Conforms	
Conclusion	The product meets the class A requirements of company standard		

QC MANAGER: 董卓 INSPECTOR: 张赞 ANALYST: 王胜利

