



Tel: +86-571-82872376  
Add: 6/F Building C, Union Center, No.501, Minhe Road,  
Xiaoshan District, Hangzhou, Zhejiang  
website: www.nuptec.com

## Certificate of Analysis

**Product Name** Recombinant Human Growth Hormone (rh-GH)  
**Catalog NO.** A02S  
**Lot NO.**  
**Mfd Date**  
**QC Date**

Analysis	Specification	Results	Determination
<b>Description</b>	White/yellowish powder or floccule. No mildew and no deterioration.		
<b>Odor</b>	No peculiar smell		
<b>Protein Net Quantity (by UV)</b>	$\geq 0.8$ mg		
<b>Solubility</b>	A little precipitation or clear at $> 1$ mg/ml.		
<b>Protein purity (SDS-PAGE)</b>	$\geq 95\%$		
<b>Activity (non-reducing SDS-PAGE)</b>	The purity of 18kD stripe higher than 90%		
<b>Protein purity (HPLC-SEC)</b>	$\geq 90\%$		
<b>Endotoxin</b>	$< 50$ EU/mg		
<b>Aerobic bacterial count</b>	$\leq 1$ cfu/bottle		
<b>Fecal Coliforms</b>	Not detected		
<b>Pseudomonas Aeruginosa</b>	Not detected		
<b>Staphylococcus Aureus</b>	Not detected		
<b>Molds and Yeast Count</b>	$\leq 1$ cfu/bottle		
<b>Conclusion</b>	The product meets the class A requirements of company standard Q/HRS001-2014.		

<b>Inspector</b>	<b>Approval</b>	<b>Seal</b>
------------------	-----------------	-------------