

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name:	Growth Hormone (GH), Human
Cat. No.:	Z03005-10; Z03005-50; Z03005-1
Lot No.:	B60021302
Size:	10µg/vial; 50µg /vial; 1mg/vial
Storage Condition:	Lyophilized recombinant Human Growth Hormone (GH) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhGH should be stable up to 1 week at 4°C or up to 2 months at -20°C.

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### Quality Control

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Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Purity (HPLC)	> 95%	Conformed
Specific Activity	< 0.5 ng/ml	0.48 ng/ml
Molecular Weight	20-24 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	Conformed

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### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:  Date: 2/25/2013  
Bioprocess Department