

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name: GH, Mouse

Cat. No.: Z02192

Lot No.: R50051611

Size: 50 µg/vial

Storage Condition: Lyophilized Mouse Growth Hormone remains stable at room temperature for three weeks, but it is best stored desiccated below- 18°C. Upon reconstitution Mouse Growth Hormone should be stored at 4°C for up to seven days. For long term storage it is recommended that a carrier protein (0.1% HSA or BSA ) be added.  
Avoid repeated freeze- thaw cycles.

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### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze - dried Powder	Conformed
Purity (SDS-PAGE &HPLC)	> 95 %	Conformed
Specific Activity	> 3.0 × 10 <sup>5</sup> IU/mg	3.1 × 10 <sup>5</sup> IU/mg
Molecular Weight	22 ± 2.2 KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/µg	Conformed
First Five N-terminal Amino Acids	Met-Phe-Pro-Ala-Met	Conformed

### 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: Joe Wang Date: 11/18/2016

Protein Products Department