

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: GH, Mouse

Cat. No.: Z02192

Lot No.: R50031612

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.

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze - dried Powder	Conformed
Purity (SDS-PAGE &HPLC)	> 95 %	Conformed
Specific Activity	> $3.0 \times 10^5$ IU/mg	$3.1 \times 10^5$ 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: 12/05/2016

Protein Products Department