

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name:	Insulin-like Growth Factor II (IGF-II), Human
Cat. No.:	Z03147-10; Z03147-50; Z03147-1
Lot No.:	P50041702
Size:	10 µg/vial; 50 µg/vial; 1 mg/vial
Storage Condition:	Lyophilized recombinant human Insulin-like Growth Factor II (rhIGF-II) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhIGF-II remains stable up to 2 weeks at 4°C or up to 3 months at -20°C.

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Activity(ED <sub>50</sub> )	< 20 ng/mL	Conformed
Molecular Weight	7.6±0.7kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/µg	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:  Date: 09/16/2017

Protein Department