

Version 1.1

Update: 12/27/2019

## CERTIFICATE OF ANALYSIS

### Product Information

---

|                    |   |
|--------------------|---|
| Product Name:      | IGF-I, Human  |
| Cat. No.:          | Z03017  |
| Lot No.:           | E2110024-A  |
| Storage Condition: | Lyophilized recombinant human Insulin-like growth factor I (rhIGF-I) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhIGF-I should be stable up to 2 weeks at 4°C or up to 3 months at -20°C. |

---

### Quality Results

| Test Items                             | Specifications            | Results   |
|--|---------------------------|-----------|
| Physical Appearance                    | White Freeze-dried Powder | Conformed |
| Purity (SDS-PAGE)                      | > 95%                     | Conformed |
| Biological Activity(ED <sub>50</sub> ) | < 5 ng/ml                 | Conformed |
| Molecular Weight                       | 7.7 kDa                   | 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: *Dandan Yao*

Date: 01/25/2022

Quality Department

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*