

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: LR<sup>3</sup>-IGF-I (Media Grade), Human

Cat. No.: Z03090

Lot No.: R50161907

Size: 20 µg/vial;1mg/vial

Storage Condition: Upon reconstitution, store at 2- 8°C for up to one week, and store at - 20°C to - 80°C for long term storage. Avoid repeated freeze/thaw cycles.

### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze - dried Powder	Conformed
Purity (SDS-PAGE)	> 98 %	Conformed
HPLC Purity	> 90 %	90.26%
Specific Activity	> 1.0 × 10 <sup>5</sup> IU/mg	1.34 × 10 <sup>6</sup> IU/mg
Molecular Weight	9.1±0.9 KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/µg	< 0.001EU/µg

### 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: zh.cui Date: 07/16/2019

Protein Products Department