

Version : 01

Update : 07/01/2021

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	IGF-I, Bovine
Cat. No.	Z03688
Lot No.	E2204010
Size	Specified on product label
Formulation	Lyophilized after extensive dialysis against PBS.
Storage	Upon receiving, this product remains stable up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable up to 2 weeks at 4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

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### Quality Control

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Test Items	Specifications	Results
Appearance	White Freeze-dried Powder	Passed
Activity	ED <sub>50</sub> < 5 ng/ml, measured by a cell proliferation assay using FDC-P1 cells, corresponding to a specific activity of > 2.0× 10 <sup>5</sup> units/mg.	Passed
Purity	> 95% as analyzed by SDS-PAGE	Passed
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method	Passed

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### 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

Date: 04/26/2022

Approved by: *Dandan Yao*

Quality Department

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