

Version 1.1

Update: 12/27/2019

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name: Interferon gamma (IFN- $\gamma$ ), human  
Cat. No.: Z02915  
Lot No.: B60181501  
Storage Condition: lyophilized recombinant human Interferon gamma (rhIFN- $\gamma$ ) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rhIFN- $\gamma$  should be stable up to 1 week at 4°C or up to 2 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) can be added. Avoid repeated freeze-thaw cycles.

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### Quality Results

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Biological Activity(ED <sub>50</sub> )	< 0.05 ng/ml	Conformed
Molecular Weight	17.0 kDa	Conformed
Bacterial Endotoxin	< 0.2 EU/ $\mu$ g	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: 12/21/2020

Quality Department

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