

Version 1.1

Update: 12/27/2019

CERTIFICATE OF ANALYSIS

Product Information

Product Name: TNF-α, Porcine

Cat. No.: Z03338

Lot No.: P50102005

Storage Condition: Lyophilized recombinant Porcine Tumor Necrosis

Factor-alpha (rpTNF- α) remains stable up to 6 months at lower than -70°C from date of receipt. Upon recons titution, rpTNF- α should be stable up to

1 week 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)	> 98%	Conformed
Biological Activity(ED ₅₀)	< 20 ng/ml	Conformed
Molecular Weight	17.2 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: Xianli Yang Date: 05/26/2020

Quality Department

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