



**CERTIFICATE OF ANALYSIS**  
**Recombinant Mouse TNF- $\alpha$**   
**Tumor Necrosis Factor alpha**  
**Powder**  
**(Catalog Number 300-352P)**

Lot Number: G423169

Date Received: \_\_\_\_\_

Storage Temperature:  $\leq -10^{\circ}\text{C}$

Product Expiry\*: \_\_\_\_\_

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

\*Expiration Date is one year from the date of receipt when stored at  $-20$  to  $-80^{\circ}\text{C}$

Test	Methodology	Analysis
<b>Biological Testing</b>		
Endotoxin	USP<85>, EP 2.6.14	<0.05 EU/ $\mu\text{g}$
<b>Biological Testing</b>		
Purity	Coomassie Staining	>95%
Biological Activity ED <sub>50</sub>	Cytolysis of mouse L929 cells in the presence of Actinomycin D Assay	0.008 ng/mL

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Berkley Leachman

Name

QC Associate I

Title

13 NOV 2023

Date