



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

Lot Number: G423029

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°C

Test	Methodology	Analysis
Biological Testing		
Endotoxin	USP<85>, EP 2.6.14	$<0.05 \text{ EU}/\mu\text{g}$
Biological Testing		
Purity	Coomassie Staining	$>95\%$
Biological Activity ED_{50}	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.

Karen Zuniga

Name

QA Associate II

Title

16 MAY 2023

Date