

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-03-25 11:41:20
Date of Next Testing:	2025-03-24 11:41:20
Product Name:	Recombinant Mouse TNF-alpha Protein
SKU #:	rp154759
Lot #:	ZJ23F0300082
Source:	Recombinant
Specifications & Purity:	Animal Free, >97% (SDS-PAGE; HPLC), Active, E.coli, No tag, 80-235aa
Concentration:	
Formulation:	Lyophilized
Reconstitution:	1.This vial must be briefly centrifuged prior to opening to bring the contents to the bottom. 2. Reconstitute in a sterile aqueous buffer to an appropriate concentration. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	000256

Parameter	Limit Value	Result
Molecular Weight	15.66-19.14(kD)	15.70000 kD
Purity(SDS-PAGE and HPLC)	97-100(%)	100.00000 %
Activity(ED50)	0-0.1(ng/ml)	0.05000 ng/ml
Appearance(rp154759)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.01 EU/μg	Conform	Conform



 Sophia Cheng
 Quality Assurance