

Shanghai Aladdin Biochemical Technology Co., LTD

Building No. 7, No. 11, Galileo Road, Pudong New Area, Shanghai 201210, China

Certificate of Analysis

Date of Testing:	2025-01-16 09:36:29
Date of Next Testing:	2026-01-16 09:36:29
Product Name:	Recombinant Rat GM-CSF Protein
Lot #:	ZJ23F0600299
SKU #:	rp155067
Version:	1
Analysis #:	013294
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, ≥98%(SDS-PAGE&HPLC)
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:	013294

Parameter	Limit Value	Result
Molecular Weight	13.0-15.9(kD)	13.40000 kD
Purity(SDS-PAGE)	98-100(%)	100.00000 %
Activity(ED50)	0-0.01(ng/ml)	0.00200 ng/ml
Appearance(rp155067)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.01 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance