

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-04-13 08:40:06
Date of Next Testing:	2027-04-13 08:40:06
Product Name:	Recombinant Rat GM-CSF Protein
Lot #:	ZJ25F0521943
SKU #:	rp155067
Version:	1
Analysis #:	033851
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, PBS Only, ≥98%(SDS-PAGE&HPLC)
Concentration:	1.0 mg/mL
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:	033851

Parameter	Limit Value	Result
Molecular Weight	13.0-15.9(kD)	13.00000 kD
Purity(SDS-PAGE)	98-100(%)	100.00000 %
Activity(ED50)	0-0.02(ng/ml)	0.00160 ng/ml
Appearance(rp155067)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.01 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance