

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-02-11 15:31:11
Date of Next Testing:	2027-02-11 15:31:11
Product Name:	Recombinant Human GM-CSF Protein
Lot #:	ZJ24F0708345
SKU #:	rp156011
Version:	1
Analysis #:	031093
Source:	Recombinant
Specifications & Purity:	Carrier Free, Bioactive, High performance, ≥95%
Concentration:	
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute at 0.5 mg/mL in sterile distilled water. 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:	031093

Parameter	Limit Value	Result
Molecular Weight	11.8-17.8(kD)	15.26000 kD
Purity(SDS-PAGE)	95-100(%)	99.50000 %
Activity(ED50)	0-0.9(ng/ml)	0.15000 ng/ml
Appearance(rp156011)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance