

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                       |                               |
|-----------------------|-------------------------------|
| Date of Testing:      | 2026-03-17 13:55:54           |
| Date of Next Testing: | 2027-03-17 13:55:54           |
| Product Name:         | GM-CSF Rat mAb                |
| Lot #:                | ZJ24F0910341                  |
| SKU #:                | Ab105859                      |
| Version:              | 1                             |
| Analysis #:           | 032536                        |
| Clone ID:             | BVD2-21C11                    |
| Isotype:              | Rat IgG2a                     |
| Source:               | Hybridoma supernatant         |
| Formulation:          | Liquid                        |
| Concentration:        | 5.76mg/mL                     |
| Buffer Solution:      | 10mM PBS, pH 7.0              |
| Storage Conditions:   | Store at 2-8°C. Do Not Freeze |
| Analysis:             | 032536                        |

| Parameter                | Limit Value       | Result            |
|--------------------------|-------------------|-------------------|
| Molecular Weight         | 145-195(kD)       | 194.00000 kD      |
| Purity(SDS-PAGE)         | 95-100(%)         | 99.00000 %        |
| Appearance(Ab105859)     | Colourless liquid | Colourless liquid |
| Endotoxin Level <2 EU/mg | Conform           | Conform           |
| Flow Cytometry           | Conform           | Conform           |
| GM-CSF binding           | Conform           | Conform           |
| IF                       | Conform           | Conform           |



Sophia Cheng  
Quality Assurance