

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2025-07-22 15:59:31  
Date of Next Testing: 2028-07-21 15:59:31  
Product Name: **Dimethyl sulfoxide (DMSO)**  
CAS Number: 67-68-5  
Specifications & Purity: AR, ≥99%(GC)  
Lot #: G2515123  
SKU #: **D103272**  
Version: **1**  
Analysis #: **547178**  
Storage Temperature: Argon charged, Desiccated

| Parameter                           | Limit Values       | Result       |
|-------------------------------------|--------------------|--------------|
| Water by Karl Fischer               | 0-0.2 (%)          | 0.03810 %    |
| Density (20°C)                      | 1.098-1.106 (g/ml) | 1.10030 g/ml |
| Purity(GC)                          | 99-100 (%)         | 99.84200 %   |
| Crystallization point               | 18-20 (°C)         | 18.20000 °C  |
| Refractive index n <sub>20</sub> /D | 1.478-1.48         | 1.47940      |



John Su  
QA & QC Manager