

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

## Certificate of Analysis

Date of Testing: 2024-06-18 09:46:23  
Date of Next Testing: 2027-06-18 09:46:23  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: Analytical Reagent, >99%(GC)  
Lot #: F2412216  
SKU #: **D103272**  
Version: **1**  
Analysis #: **371806**  
Storage Temperature: Argon charged, Desiccated

| Parameter                           | Limit Values       | Result       |
|-------------------------------------|--------------------|--------------|
| Water by Karl Fischer               | 0-0.2 (%)          | 0.08410 %    |
| Density (20°C)                      | 1.098-1.106 (g/ml) | 1.10160 g/ml |
| Purity(GC)                          | 99-100 (%)         | 99.83100 %   |
| Crystallization point               | 18-20 (°C)         | 19.80000 °C  |
| Refractive index n <sub>20</sub> /D | 1.478-1.48         | 1.47940      |



John Su  
QA & QC Manager