

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

## Certificate of Analysis

Date of Testing: 2022-06-08 09:50:40  
Date of Next Testing: 2026-06-07 09:50:40  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: for spectroscopy, >99.9% (GC)  
Lot #: F2205053  
SKU #: **D119415**  
Analysis: **093091**

| Parameter             | Limit Values     | Result           |
|-----------------------|------------------|------------------|
| Evaporation Residue   | 0-0.01 (%)       | 0.00600 %        |
| UV Absorbance 400nm   | 0-0.01           | 0.00910          |
| UV Absorbance 310nm   | 0-0.06           | 0.04200          |
| Purity(GC)            | 99.9-100 (%)     | 99.97100 %       |
| UV Absorbance 290nm   | 0-0.18           | 0.15000          |
| Titration Acid        | 0-0.001 (mg/g)   | 0.00000 mg/g     |
| UV Absorbance 350nm   | 0-0.01           | 0.00900          |
| UV Absorbance 330nm   | 0-0.02           | 0.01800          |
| Water by Karl Fischer | 0-0.1 (%)        | 0.07400 %        |
| UV Absorbance 270nm   | 0-0.4            | 0.28100          |
| Appearance (D119415)  | Colorless Liquid | Colorless liquid |
| λ, H2O reference      | Pass             | Pass             |



John Su  
QA & QC Manager