

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

## Certificate of Analysis

Date of Testing: 2023-11-06 15:16:51  
Date of Next Testing: 2027-11-05 15:16:51  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: for spectroscopy, >99.9% (GC)  
Lot #: J2327127  
SKU #: **D119415**  
Analysis: **284852**

| Parameter                                    | Limit Values     | Result           |
|----------------------------------------------|------------------|------------------|
| Evaporation Residue                          | 0-0.01 (%)       | 0.00100 %        |
| UV Absorbance 400nm                          | 0-0.01           | 0.00000          |
| UV Absorbance 310nm                          | 0-0.06           | 0.03600          |
| UV Absorbance 290nm                          | 0-0.18           | 0.09100          |
| Titration Acid                               | 0-0.001 (mg/g)   | 0.00100 mg/g     |
| UV Absorbance 350nm                          | 0-0.01           | 0.00000          |
| UV Absorbance 330nm                          | 0-0.02           | 0.01000          |
| Water by Karl Fischer                        | 0-0.1 (%)        | 0.03000 %        |
| UV Absorbance 270nm                          | 0-0.4            | 0.32400          |
| Purity(GC)                                   | 99.9-100 (%)     | 99.90600 %       |
| Appearance (D119415)                         | Colorless Liquid | Colorless liquid |
| λ, H2O reference                             | Pass             | Pass             |
| Solubility in H2O , 1%:100ml,clear colorless | Pass             | Pass             |



John Su  
QA & QC Manager