

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

## Certificate of Analysis

Date of Testing: 2023-12-07 16:33:04  
Date of Next Testing: 2027-12-06 16:33:04  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: for spectroscopy, >99.9% (GC)  
Lot #: L2301312  
SKU #: **D119415**  
**Analysis:** **297823**  
Storage Temperature: Argon charged, Desiccated

| Parameter                                     | Limit Values     | Result           |
|-----------------------------------------------|------------------|------------------|
| Evaporation Residue                           | 0-0.01 (%)       | 0.00360 %        |
| UV Absorbance 400nm                           | 0-0.01           | 0.00000          |
| UV Absorbance 310nm                           | 0-0.06           | 0.05400          |
| Purity(GC)                                    | 99.9-100 (%)     | 99.91000 %       |
| UV Absorbance 290nm                           | 0-0.18           | 0.10100          |
| Titration Acid                                | 0-0.001 (mg/g)   | 0.00028 mg/g     |
| UV Absorbance 350nm                           | 0-0.01           | 0.00300          |
| UV Absorbance 330nm                           | 0-0.02           | 0.01500          |
| Water by Karl Fischer                         | 0-0.1 (%)        | 0.02780 %        |
| UV Absorbance 270nm                           | 0-0.4            | 0.33400          |
| 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