

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

## Certificate of Analysis

Date of Testing: 2024-11-02 11:35:42  
Date of Next Testing: 2028-11-01 11:35:42  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: for spectroscopy,  $\geq 99.9\%$ (GC)  
Lot #: J2429285  
SKU #: **D119415**  
Version: **1**  
Analysis #: **425093**  
Storage Temperature: Argon charged, Desiccated

| Parameter                                                  | Limit Values     | Result           |
|------------------------------------------------------------|------------------|------------------|
| Evaporation Residue                                        | 0-0.01 (%)       | 0.00000 %        |
| UV Absorbance 400nm                                        | 0-0.01           | 0.00000          |
| UV Absorbance 310nm                                        | 0-0.06           | 0.04100          |
| UV Absorbance 290nm                                        | 0-0.18           | 0.11200          |
| Titration Acid                                             | 0-0.001 (mg/g)   | 0.00000 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 (%)        | 0.00680 %        |
| UV Absorbance 270nm                                        | 0-0.4            | 0.37100          |
| Purity(GC)                                                 | 99.9-100 (%)     | 99.90000 %       |
| Appearance (D119415)                                       | Colorless Liquid | Colorless liquid |
| $\lambda$ , H <sub>2</sub> O reference                     | Pass             | Pass             |
| Solubility in H <sub>2</sub> O , 1%:100ml, clear colorless | Pass             | Pass             |



John Su  
QA & QC Manager