

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

## Certificate of Analysis

Date of Testing: 2024-03-27 11:37:35  
Date of Next Testing: 2028-03-26 11:37:35  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: GC-Headspace tested, ≥99.9%  
Lot #: C2420357  
SKU #: **D120527**  
**Analysis:** **314559**  
Storage Temperature: Argon charged, Desiccated

| Parameter                           | Limit Values       | Result             |
|-------------------------------------|--------------------|--------------------|
| UV Absorbance 400nm                 | 0-0.008            | 0.00000            |
| Purity(GC)                          | 99.9-100 (%)       | 99.97000 %         |
| UV Absorbance 275nm                 | 0-0.221            | 0.21690            |
| Refractive index n <sub>20</sub> /D | 1.477-1.48         | 1.47958            |
| Water by Karl Fischer               | 0-0.04 (%)         | 0.01000 %          |
| UV Absorbance 300nm                 | 0-0.07             | 0.05840            |
| UV Absorbance 350nm                 | 0-0.022            | 0.00200            |
| Appearance (D120527)                | Colorless Liquid   | Colorless liquid   |
| Test by UV Spectroscopy(190-265 nm) | Cut-Off            | cut-off            |
| Residual Solvents(GLC-HS)           | Suitable for GC-HS | Suitable for GC-HS |



John Su  
QA & QC Manager