

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-19 11:47:21  
 Date of Next Testing: 2028-01-09 11:47:21  
 Product Name: **Dimethyl sulfoxide(DMSO)**  
 CAS Number: 67-68-5  
 Specifications & Purity: ACS, ≥99.9%  
 Lot #: A2615176  
 SKU #: **D103281**  
 Version: **2**  
 Analysis #: **635678**  
 Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter                                           | Limit Values          | Result                |
|-----------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                          | 99.9-100 (%)          | 99.97000 %            |
| Evaporation Residue                                 | 0-0.01 (%)            | 0.00000 %             |
| Titration Acid                                      | 0-0.001 (eq/kg)       | 0.00000 eq/kg         |
| Density (20°C)                                      | 1.095-1.105           | 1.10010               |
| Water by Karl Fischer                               | 0-0.1 (%)             | 0.03110 %             |
| Refractive index n <sub>20/D</sub>                  | 1.478-1.479           | 1.47900               |
| Melting point                                       | 17.0-18.3 (°C)        | 18.20000 °C           |
| Appearance (D103281)                                | Colorless liquid      | Colorless liquid      |
| Solubility in water(10mg/ml,Colorless clear liquid) | Pass                  | Pass                  |
| Infrared spectrum                                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager