

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-29 16:23:33  
 Date of Next Testing: 2030-07-28 16:23:33  
 Product Name: **Dimethyl sulfoxide (DMSO)**  
 CAS Number: 67-68-5  
 Specifications & Purity:  $\geq 99.8\%$ (GC)  
 Lot #: G2628181  
 SKU #: **D103274**  
 Version: **1**  
 Analysis #: **748140**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                     | Limit Values          | Result                |
|-----------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                    | 99.8-100 (%)          | 99.86100 %            |
| Refractive index n <sub>20</sub> /D           | 1.477-1.48            | 1.47940               |
| Density (20°C)                                | 1.099-1.103           | 1.09980               |
| Water by Karl Fischer                         | 0-0.2 (%)             | 0.03110 %             |
| Acidity(as KOH)                               | 0-0.04 (mg/g)         | 0.00200 %             |
| Evaporation Residue                           | 0-0.003 (%)           | 0.00000 %             |
| Appearance (D103274)                          | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                             | Conforms to Structure | Conforms to Structure |
| water miscibility test(1:1), clear and bright | Pass                  | Pass                  |



John Su  
QA & QC Manager