

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-10 16:18:17  
 Date of Next Testing: 2030-03-09 16:18:17  
 Product Name: **Dimethyl sulfoxide (DMSO)**  
 CAS Number: 67-68-5  
 Specifications & Purity: HPLC grade, ≥99.8%  
 Lot #: A2614413  
 SKU #: **D103273**  
 Version: **2**  
 Analysis #: **664468**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                  | Limit Values                              | Result                                    |
|------------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Purity(GC)                                                 | 99.8-100 (%)                              | 99.89900 %                                |
| Absorbance (at 270 nm)                                     | 0-0.7                                     | 0.21100                                   |
| UV Absorbance 300nm                                        | 0-0.1                                     | 0.01800                                   |
| UV Absorbance 280nm                                        | 0-0.3                                     | 0.05400                                   |
| UV Absorbance 350nm                                        | 0-0.01                                    | 0.00000                                   |
| Refractive index n <sub>20</sub> /D                        | 1.477-1.48                                | 1.47950                                   |
| Density (20°C)                                             | 1.099-1.103                               | 1.10150                                   |
| Evaporation Residue                                        | 0-0.002 (%)                               | 0.00000 %                                 |
| Water by Karl Fischer                                      | 0-0.2 (%)                                 | 0.05550 %                                 |
| Appearance (D103273)                                       | Colorless liquid or white lump or crystal | Colorless liquid or white lump or crystal |
| Solubility in H <sub>2</sub> O , 1%:100ml, clear colorless | Pass                                      | Pass                                      |
| Infrared spectrum                                          | Conforms to Structure                     | Conforms to Structure                     |



QualityAssurance@aladdinsci.com

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager