

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-09 13:34:32

Date of Next Testing: 2027-06-29 13:34:32

Product Name: **Dimethyl sulfoxide (DMSO)**

CAS Number: 67-68-5

Specifications & Purity: Suitable for molecular biology, ≥99.9%

Lot #: G2502056

SKU #: **D103277**

Version: **2**

Analysis #: **533555**

Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                                  | Limit Values          | Result                |
|------------------------------------------------------------|-----------------------|-----------------------|
| Color Test                                                 | 0-20                  | 10.00000              |
| Purity(GC)                                                 | 99.9-100 (%)          | 99.93000 %            |
| Water by Karl Fischer                                      | 0-0.1 (%)             | 0.01450 %             |
| Evaporation Residue                                        | 0-0.001 (mg/L)        | 0.00024 mg/L          |
| Refractive index n <sub>20</sub> /D                        | 1.4775-1.4790         | 1.47860               |
| Appearance (D103277)                                       | Colorless Liquid      | Colorless liquid      |
| DNase, RNase and Protease                                  | None Detected         | none detected         |
| Solubility in H <sub>2</sub> O , 1%:100ml, clear colorless | Pass                  | Pass                  |
| Proton NMR spectrum                                        | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager