

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-31 11:02:01

Date of Next Testing: 2026-10-21 11:02:01

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

CAS Number: 67-68-5

Specifications & Purity:  $\geq 99.5\%$

Lot #: J2429233

SKU #: **D670381**

Version: **1**

Analysis #: **428840**

Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                            | Limit Values          | Result                |
|------------------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                                           | 99.5-100 (%)          | 99.90200 %            |
| Refractive index n <sub>20</sub> /D                  | 1.478-1.479           | 1.47900               |
| Water by Karl Fischer                                | 0-0.5 (%)             | 0.01760 %             |
| Appearance(D670381)                                  | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                                    | Conforms to Structure | Conforms to Structure |
| Solubility in water(10mg/ml, Colorless clear liquid) | Pass                  | Pass                  |



John Su  
QA & QC Manager