

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-02 08:44:55
 Date of Next Testing: 2027-07-23 08:44:55
 Product Name: **Dimethyl sulfoxide(DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: ACS, ≥99.9%
 Lot #: G2518182
 SKU #: **D103281**
 Version: **2**
 Analysis #: **518295**
 Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.96400 %
Evaporation Residue	0-0.01 (%)	0.00000 %
Titration Acid	0-0.001 (eq/kg)	0.00000 eq/kg
Water by Karl Fischer	0-0.1 (%)	0.06570 %
Melting point	17.0-18.3 (°C)	18.20000 °C
Density (20°C)	1.095-1.105	1.10030
Refractive index n ₂₀ /D	1.478-1.479	1.47900
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