

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-04 11:44:29
 Date of Next Testing: 2026-12-25 11:44:29
 Product Name: **Dimethyl sulfoxide (DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: Suitable for molecular biology, ≥99.9%
 Lot #: L2425382
 SKU #: **D103277**
 Version: **2**
 Analysis #: **450736**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Color Test	0-20	10.00000
Water by Karl Fischer	0-0.1 (%)	0.06780 %
Evaporation Residue	0-0.001 (mg/L)	0.00023 mg/L
Purity(GC)	99.9-100 (%)	99.90000 %
Refractive index n ₂₀ /D	1.4775-1.4790	1.47900
Appearance (D103277)	Colorless Liquid	Colorless liquid
DNase, RNase and Protease	None Detected	none detected
Solubility in H ₂ O , 1%:100ml, clear colorless	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager