

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-02 11:26:03
Date of Next Testing: 2027-11-22 11:26:03
Product Name: **Dimethyl sulfoxide (DMSO)**
CAS Number: 67-68-5
Specifications & Purity: Suitable for molecular biology, $\geq 99.9\%$
Lot #: K2528128
SKU #: **D103277**
Version: **2**
Analysis #: **609593**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Color Test	0-20	10.00
Water by Karl Fischer	0-0.1 (%)	0.01 %
Evaporation Residue	0-0.001 (mg/L)	0.00 mg/L
Purity(GC)	99.9-100 (%)	99.94 %
Refractive index n ₂₀ /D	1.4775-1.4790	1.48
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