

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-04-23 10:11:59
Date of Next Testing: 2027-04-13 10:11:59
Product Name: **Dimethyl sulfoxide (DMSO)**
CAS Number: 67-68-5
Specifications & Purity: for molecular biology, ≥99.9%
Lot #: D2514317
SKU #: **D103277**
Version: **2**
Analysis #: **489495**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Color Test	0-20	2.10000
Water by Karl Fischer	0-0.1 (%)	0.01820 %
Evaporation Residue	0-0.001 (mg/L)	0.00005 mg/L
Refractive index n ₂₀ /D	1.4775-1.4790	1.47890
Purity(GC)	99.9-100 (%)	99.90100 %
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