

Certificate of Analysis

Date of Testing:	2024-08-30 12:06:05
Date of Next Testing:	2026-08-20 12:06:05
Product Name:	Dimethyl sulfoxide
CAS Number:	67-68-5
Specifications & Purity:	for molecular biology, ≥99.9%
Lot #:	H2426208
SKU #	D103277
Version	2
Analysis #:	397178
Storage Temperature:	Argon charged, Desiccated

Parameter	Limit Values	Result
Color Test	0-20	1.00
Water by Karl Fischer	0-0.1 (%)	0.07 %
Evaporation Residue	0-0.001 (mg/L)	0.00 mg/L
Refractive index n ₂₀ /D	1.4775-1.4790	1.48
Purity(GC)	99.9-100 (%)	99.90 %
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