

Certificate of Analysis

Date of Testing: 2025-04-21 10:45:53

Date of Next Testing: 2029-04-20 10:45:53

Product Name: **Dimethyl sulfoxide**

CAS Number: 67-68-5

Specifications & Purity: $\geq 99.8\%$ (GC)

Lot #: D2511307

SKU #: **D103274**

Version: **1**

Analysis #: **500927**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.87 %
Refractive index n ₂₀ /D	1.477-1.48	1.48
Density (20°C)	1.099-1.103	1.10
Water by Karl Fischer	0-0.2 (%)	0.03 %
Acidity(as KOH)	0-0.04 (mg/g)	0.00 %
Evaporation Residue	0-0.003 (%)	0.00 %
Appearance (D103274)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
water miscibility test(1:1), clear and bright	Pass	Pass



John Su
QA & QC Manager