

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

Certificate of Analysis

Date of Testing: 2024-12-07 14:35:55
Date of Next Testing: 2028-12-06 14:35:55
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: for spectroscopy, $\geq 99.9\%$ (GC)
Lot #: L2403571
SKU #: **D119415**
Version: **1**
Analysis #: **440930**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Evaporation Residue	0-0.01 (%)	0.00000 %
UV Absorbance 400nm	0-0.01	0.00000
UV Absorbance 310nm	0-0.06	0.04900
Purity(GC)	99.9-100 (%)	99.91100 %
UV Absorbance 290nm	0-0.18	0.11300
Titration Acid	0-0.001 (mg/g)	0.00000 mg/g
UV Absorbance 350nm	0-0.01	0.00300
UV Absorbance 330nm	0-0.02	0.01600
Water by Karl Fischer	0-0.1 (%)	0.06120 %
UV Absorbance 270nm	0-0.4	0.34000
Appearance (D119415)	Colorless Liquid	Colorless liquid
λ , H ₂ O reference	Pass	Pass
Solubility in H ₂ O , 1%:100ml, clear colorless	Pass	Pass



John Su
QA & QC Manager