

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

Certificate of Analysis

Date of Testing: 2022-03-14 16:06:14
Date of Next Testing: 2026-03-13 16:06:14
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: pharmaceutical
Lot #: C2203094
SKU #: **D103280**
Analysis: **025131**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.477-1.48	1.47950
UV Absorbance 275nm	0-0.3	0.24100
Water by Karl Fischer	0-0.2 (%)	0.02490 %
Evaporation Residue	0-0.01 (%)	0.00000 %
Density (20°C)	1.095-1.105	1.10480
Acid Value	0-0.02 (mgKOH/g)	0.00000 mgKOH/g
Assay	99.9-100 (%)	99.93200 %
Crystallization point	17-18.3 (°C)	18.26000 °C
UV Absorbance 295nm/275nm	0-0.45	0.44900
UV Absorbance 285nm/275nm	0-0.65	0.64800
Identification	pass	Pass
Substances darkened by potassium hydroxide	Pass	Pass



John Su
QA & QC Manager