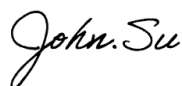


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-04-28 09:34:03
Date of Next Testing: 2027-04-28 09:34:03
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: Analytical Reagent, >99%(GC)
Lot #: D2412161
SKU #: **D103272**
Analysis: **351868**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.18360 %
Density (20°C)	1.098-1.106 (g/ml)	1.09800 g/ml
Purity(GC)	99-100 (%)	99.40800 %
Crystallization point	18-20 (°C)	18.10000 °C
Refractive index n _{20/D}	1.478-1.48	1.47830



John Su
QA & QC Manager