

Certificate of Analysis

Date of Testing: 2024-07-23 15:17:50
Date of Next Testing: 2028-07-22 15:17:50
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: >99.8%(GC)
Lot #: G2418582
SKU #: **D103274**
Version: **1**
Analysis #: **392160**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.91%
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 (%)	0.02%
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