

## Certificate of Analysis

Date of Testing: 2022-11-15 13:44:50  
Date of Next Testing: 2025-11-14 13:44:50  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: Analytical Reagent, >99%(GC)  
Lot #: K2214230  
SKU #: **D103272**  
**Analysis:** **155417**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.02 %
Density (20°C)	1.098-1.106 (g/ml)	1.10 g/ml
Purity(GC)	99-100 (%)	99.91 %
Crystallization point	18-20 (°C)	19.23 °C
Refractive index n <sub>20</sub> /D	1.478-1.48	1.48



John Su  
QA & QC Manager