

## Certificate of Analysis

Date of Testing: 2024-04-28 17:58:33  
Date of Next Testing: 2026-04-18 17:58:33  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: 99.5%  
Lot #: D2424202  
SKU #: **D670381**  
Version: **1**  
Analysis #: **352358**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.95 %
Refractive index n <sub>20</sub> /D	1.478-1.479	1.48
Water by Karl Fischer	0-0.5 (%)	0.22 %
Appearance(D670381)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in water(10mg/ml, Colorless clear liquid)	Pass	Pass



John Su  
QA & QC Manager