

Certificate of Analysis

Date of Testing: 2024-06-18 11:57:48
Date of Next Testing: 2028-06-17 11:57:48
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: >99.8%(GC)
Lot #: F2412191
SKU #: **D103274**
Version: **1**
Analysis #: **373183**
Storage Temperature: Argon charged,Desiccated

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(GC) | 99.8-100 (%) | 99.83% |
| 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 (%) | 0.08% |
| 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