

Certificate of Analysis

Date of Testing: 2023-11-06 09:44:47
Date of Next Testing: 2027-11-05 09:44:47
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: >99.8%(GC)
Lot #: K2302013
SKU #: **D103274**
Analysis: **292260**
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 | 0-0.1 (%) | 0.04 % |
| Acidity(as KOH) | 0-0.04 (mg/g) | 0.01 % |
| 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