

Certificate of Analysis

Date of Testing: 2023-09-20 17:01:39
Date of Next Testing: 2025-09-09 17:01:39
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: ACS, ≥99.9%
Lot #: I2312261
SKU #: **D103281**
Analysis: **269420**
Storage Temperature: Argon charged,Desiccated

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Evaporation Residue | 0-0.01 (%) | 0.00 % |
| Titration Acid | 0-0.001 (eq/kg) | 0.00 eq/kg |
| Water by Karl Fischer | 0-0.1 (%) | 0.09 % |
| Density (20°C) | 1.095-1.105 | 1.10 |
| Refractive index n ₂₀ /D | 1.478-1.479 | 1.48 |
| Purity(GC) | 99.9-100 (%) | 99.90 % |
| Melting point | 17.0-18.3 (°C) | 18.20000 °C |
| Appearance (D103281) | Colorless liquid | Colorless liquid |
| Solubility in water(10mg/ml,Colorless clear liquid) | Pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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