

## Certificate of Analysis

Date of Testing: 2023-06-16 13:11:59  
Date of Next Testing: 2025-06-05 13:11:59  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: for molecular biology,  $\geq 99.9\%$   
Lot #: I2124149  
SKU #: **D103277**  
**Analysis:** **242072**  
Storage Temperature: Argon charged, Desiccated

| Parameter  | Limit Values     | Result           |
|--|------------------|------------------|
| Color Test   | 0-20             | 10.00            |
| Purity(GC)   | 99.9-100 (%)     | 99.95 %          |
| Water by Karl Fischer                                      | 0-0.1 (%)        | 0.03 %           |
| Evaporation Residue  | 0-0.001 (mg/L)   | 0.00 mg/L        |
| Appearance (D103277)                                       | Colorless Liquid | Colorless liquid |
| DNase, RNase and Protease                                  | None Detected    | none detected    |
| Solubility in H <sub>2</sub> O , 1%:100ml, clear colorless | Pass             | Pass             |



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