

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-08 08:55:18  
 Date of Next Testing: 2028-03-07 08:55:18  
 Product Name: **Dimethyl sulfoxide**  
 CAS Number: 67-68-5  
 Specifications & Purity: for HPLC,  $\geq 99.8\%$   
 Lot #: A2419764  
 SKU #: **D103273**  
**Analysis:** **326094**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Evaporation Residue	0-0.002 (%)	0.00 %
UV Absorbance 270nm	0-0.7	0.28
UV Absorbance 300nm	0-0.1	0.04
UV Absorbance 280nm	0-0.3	0.11
UV Absorbance 350nm	0-0.01	0.00
Refractive index n <sub>20</sub> /D	1.477-1.48	1.48
Density (20°C)	1.099-1.103	1.10
Water by Karl Fischer	0-0.2 (%)	0.02 %
Purity(GC)	99.8-100 (%)	99.81 %
Appearance (D103273)	Colorless liquid or white lump or crystal	Colorless liquid or white lump or crystal
Solubility in H <sub>2</sub> O , 1%:100ml,clear colorless	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager