

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-31 10:49:12  
Date of Next Testing: 2029-03-30 10:49:12  
Product Name: **Dimethyl sulfoxide (DMSO)**  
CAS Number: 67-68-5  
Specifications & Purity: HPLC grade,  $\geq 99.8\%$   
Lot #: C2504553  
SKU #: **D103273**  
Version: **2**  
Analysis #: **487474**  
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Absorbance (at 270 nm)	0-0.7	0.33300
UV Absorbance 300nm	0-0.1	0.05100
UV Absorbance 280nm	0-0.3	0.15400
UV Absorbance 350nm	0-0.01	0.00200
Refractive index n <sub>20</sub> /D	1.477-1.48	1.47930
Density (20°C)	1.099-1.103	1.09970
Evaporation Residue	0-0.002 (%)	0.00000 %
Water by Karl Fischer	0-0.2 (%)	0.01470 %
Purity(GC)	99.8-100 (%)	99.93800 %
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



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager