

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-23 14:08:41

Date of Next Testing: 2028-10-22 14:08:41

Product Name: **Dimethyl sulfoxide (DMSO)**

CAS Number: 67-68-5

Specifications & Purity: HPLC grade, ≥99.8%

Lot #: I2410538

SKU # **D103273**

Version **2**

Analysis #: **422844**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Absorbance (at 270 nm)	0-0.7	0.27700
UV Absorbance 300nm	0-0.1	0.04300
UV Absorbance 280nm	0-0.3	0.10100
UV Absorbance 350nm	0-0.01	0.00100
Refractive index n ₂₀ /D	1.477-1.48	1.47870
Density (20°C)	1.099-1.103	1.10110
Evaporation Residue	0-0.002 (%)	0.00000 %
Water by Karl Fischer	0-0.2 (%)	0.00930 %
Purity(GC)	99.8-100 (%)	99.89000 %
Appearance (D103273)	Colorless liquid or white lump or crystal	Colorless liquid or white lump or crystal
Solubility in H ₂ O , 1%:100ml, clear colorless	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager