

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-21 10:38:58
 Date of Next Testing: 2028-10-20 10:38:58
 Product Name: **Dimethyl sulfoxide (DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: HPLC grade, ≥99.8%
 Lot #: J2415462
 SKU #: **D103273**
 Version: **2**
 Analysis #: **418054**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.80000 %
Absorbance (at 270 nm)	0-0.7	0.31900
Refractive index n ₂₀ /D	1.477-1.48	1.47930
Density (20°C)	1.099-1.103	1.10080
UV Absorbance 300nm	0-0.1	0.06200
Evaporation Residue	0-0.002 (%)	0.00000 %
UV Absorbance 280nm	0-0.3	0.13600
Water by Karl Fischer	0-0.2 (%)	0.04550 %
UV Absorbance 350nm	0-0.01	0.00400
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



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

John Su
QA & QC Manager