

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-24 14:58:44
 Date of Next Testing: 2028-12-23 14:58:44
 Product Name: **Dimethyl sulfoxide (DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: HPLC grade, ≥99.8%
 Lot #: G2408587
 SKU #: **D103273**
 Version: **2**
 Analysis #: **451657**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Absorbance (at 270 nm)	0-0.7	0.23400
UV Absorbance 300nm	0-0.1	0.02700
UV Absorbance 280nm	0-0.3	0.07300
UV Absorbance 350nm	0-0.01	0.00000
Refractive index n ₂₀ /D	1.477-1.48	1.47940
Density (20°C)	1.099-1.103	1.09960
Evaporation Residue	0-0.002 (%)	0.00000 %
Water by Karl Fischer	0-0.2 (%)	0.00890 %
Purity(GC)	99.8-100 (%)	99.90900 %
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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager