

Certificate of Analysis

Date of Testing: 2025-03-14 14:51:11

Date of Next Testing: 2029-03-13 14:51:11

Product Name: **Dimethyl sulfoxide**

CAS Number: 67-68-5

Specifications & Purity: Chromatographic grade, ≥99.8%

Lot #: C2504537

SKU #: **D103273**

Version: **2**

Analysis #: **456582**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.83 %
UV Absorbance 270nm	0-0.7	0.28
Refractive index n ₂₀ /D	1.477-1.48	1.48
UV Absorbance 300nm	0-0.1	0.05
Evaporation Residue	0-0.002 (%)	0.00 %
UV Absorbance 280nm	0-0.3	0.11
UV Absorbance 350nm	0-0.01	0.01
Water by Karl Fischer	0-0.2 (%)	0.08 %
Density (20°C)	1.099-1.103	1.10
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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager