

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-05-24 15:38:24
Date of Next Testing:	2027-05-23 15:38:24
Product Name:	<b>Dimethyl sulfoxide</b>
CAS Number:	67-68-5
Specifications & Purity:	for HPLC, ≥99.8%
Lot #:	E2316512
SKU #	<b>D103273</b>
<b>Analysis:</b>	<b>217653</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.85 %
UV Absorbance 270nm	0-0.7	0.33
Refractive index n <sub>20</sub> /D	1.477-1.48	1.48
UV Absorbance 300nm	0-0.1	0.06
Evaporation Residue	0-0.002 (%)	0.00 %
UV Absorbance 280nm	0-0.3	0.15
Water by Karl Fischer	0-0.2 (%)	0.04 %
UV Absorbance 350nm	0-0.01	0.00
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 <sub>2</sub> O , 1%:100ml,clear colorless	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager