

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-04 14:51:33
 Date of Next Testing: 2028-11-03 14:51:33
 Product Name: **Dimethyl sulfoxide (DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: pharmaceutical grade, PharmPure™
 Lot #: J2431708
 SKU #: **D103280**
 Version: **2**
 Analysis #: **420001**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.477-1.48	1.47950
UV Absorbance 275nm	0-0.3	0.22700
Water by Karl Fischer	0-0.2 (%)	0.09440 %
Crystallization point	17-18.3 (°C)	17.90000 °C
Evaporation Residue	0-0.01 (%)	0.00000 %
UV Absorbance 295nm/275nm	0-0.45	0.42731
UV Absorbance 285nm/275nm	0-0.65	0.61233
Acid Value	0-0.02 (mgKOH/g)	0.00000 mgKOH/g
Density (20°C)	1.095-1.105	1.09500
Assay	99.9-100 (%)	99.92600 %
Identification	pass	Pass
Substances darkened by potassium hydroxide	Pass	Pass



John Su
QA & QC Manager