

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 14:56:00
 Date of Next Testing: 2029-01-08 14:56:00
 Product Name: **Dimethyl sulfoxide (DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: pharmaceutical grade, PharmPure™
 Lot #: A2503002
 SKU #: **D103280**
 Version: **2**
 Analysis #: **451827**
 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	0.18300
Water by Karl Fischer	0-0.2 (%)	0.09250 %
Crystallization point	17-18.3 (°C)	17.10000 °C
UV Absorbance 295nm/275nm	0-0.45	0.38798
Density (20°C)	1.095-1.105	1.09930
UV Absorbance 285nm/275nm	0-0.65	0.56831
Acid Value	0-0.02 (mgKOH/g)	0.00000 mgKOH/g
Assay	99.9-100 (%)	99.90700 %
Evaporation Residue	0-0.01 (%)	0.00000 %
Identification	pass	Pass
Substances darkened by potassium hydroxide	Pass	Pass



John Su
QA & QC Manager