

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-14 16:25:12
Date of Next Testing: 2026-03-13 16:25:12
Product Name: **Dimethyl sulfoxide**
CAS Number: 67-68-5
Specifications & Purity: pharmaceutical
Lot #: C2203130
SKU #: **D103280**
Analysis: **082509**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.477-1.48	1.48
UV Absorbance 275nm	0-0.3	0.20
Water by Karl Fischer	0-0.2 (%)	0.06 %
Crystallization point	17-18.3 (°C)	17.99 °C
Evaporation Residue	0-0.01 (%)	0.01 %
UV Absorbance 295nm/275nm	0-0.45	0.43
Density (20°C)	1.095-1.105	1.10
UV Absorbance 285nm/275nm	0-0.65	0.61
Acid Value	0-0.02 (mgKOH/g)	0.02 mgKOH/g
Assay	99.9-100 (%)	99.96 %
Identification	pass	Pass
Substances darkened by potassium hydroxide	Pass	Pass



John Su
QA & QC Manager