

## Certificate of Analysis

Date of Testing: 2022-05-26 11:47:29  
Date of Next Testing: 2026-05-25 11:47:29  
Product Name: **Dimethyl sulfoxide**  
CAS Number: 67-68-5  
Specifications & Purity: pharmaceutical  
Lot #: E2224071  
SKU #: **D103280**  
**Analysis:** **091038**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.477-1.48	1.48
UV Absorbance 275nm	0-0.3	0.25
Water by Karl Fischer	0-0.2 (%)	0.02 %
Evaporation Residue	0-0.01 (%)	0.00 %
Density (20°C)	1.095-1.105	1.10
UV Absorbance 285nm/275nm	0-0.65	0.64
Acid Value	0-0.02 (mgKOH/g)	0.00 mgKOH/g
Assay	99.9-100 (%)	99.94 %
Crystallization point	17-18.3 (°C)	18.28 °C
UV Absorbance 295nm/275nm	0-0.45	0.45
Identification	pass	Pass
Substances darkened by potassium hydroxide	Pass	Pass



John Su  
QA & QC Manager