

Certificate of Analysis

Date of Testing: 2022-05-25 15:07:38

Date of Next Testing: 2026-05-24 15:07:38

Product Name: **Dimethyl sulfoxide**

CAS Number: 67-68-5

Specifications & Purity: pharmaceutical

Lot #: E2224077

SKU #: **D103280**

Analysis: **091038**

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	0.25
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