

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 15:28:25
 Date of Next Testing: 2029-04-22 15:28:25
 Product Name: **Dimethyl sulfoxide (DMSO)**
 CAS Number: 67-68-5
 Specifications & Purity: $\geq 99.8\%$ (GC)
 Lot #: D2511306
 SKU #: **D103274**
 Version: **1**
 Analysis #: **500927**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.8-100 (%)	99.86900 %
Refractive index n ₂₀ /D	1.477-1.48	1.47950
Density (20°C)	1.099-1.103	1.09990
Water by Karl Fischer	0-0.2 (%)	0.02540 %
Acidity(as KOH)	0-0.04 (mg/g)	0.00000 %
Evaporation Residue	0-0.003 (%)	0.00000 %
Appearance (D103274)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
water miscibility test(1:1), clear and bright	Pass	Pass



John Su
QA & QC Manager