

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Dimethyl sulfoxide (DMSO)**  
Specifications & Purity: **Ultra Pure Grade ,  $\geq 99.9\%$**   
SKU #: **D274279**

Parameter	Limit Values
Appearance(D274279)	Colorless Liquid
Purity(GC)	99.9-100 (%)
Water by Karl Fischer	0-0.1 (%)
free acid (as CH <sub>3</sub> COOH)	0-0.001 (%)
Evaporation Residue	0-0.005 (%)
Aluminum(Al)	0-0.5 (ppm)
Barium(Ba)	0-0.1 (ppm)
Bismuth(Bi)	0-0.1 (ppm)
Calcium(Ca)	0-0.5 (ppm)
Cadmium(Cd)	0-0.05 (ppm)
Cobalt (Co)	0-0.02 (ppm)
Chrome(Cr)	0-0.02 (ppm)
Copper(Cu)	0-0.02 (ppm)
Iron(Fe)	0-0.5 (ppm)
Potassium(K)	0-0.5 (ppm)
Lithium(Li)	0-0.1 (ppm)
Magnesium (Mg)	0-0.1 (ppm)
Manganese(Mn)	0-0.02 (ppm)
Molybdenum(Mo)	0-0.1 (ppm)
Sodium(Na)	0-1 (ppm)
Nickel(Ni)	0-0.5 (ppm)
Lead(Pb)	0-0.1 (ppm)
Strontium(Sr)	0-0.1 (ppm)
Zinc(Zn)	0-0.1 (ppm)
Refractive index n <sub>20/D</sub>	1.477-1.48
Infrared spectrum	Conforms to Structure