

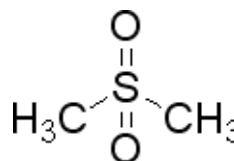
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Dimethyl sulfone - 98%

Product Number: **M81705**  
CAS Number: 67-71-0  
MDL: MFCD00007566  
Formula: C<sub>2</sub>H<sub>6</sub>O<sub>2</sub>S  
Formula Weight: 94.13 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Conforms to Requirements
Crystalline Powder, Flakes, Chips or Solid	
Infrared spectrum	Conforms to Structure
Melting point by DSC	107.0 - 111.0 °C
Purity (GC)	≥ 97.5 %
Solubility (Turbidity)	Clear
c = 100 mg/ml (10%) Water	
Solubility (Color)	Colorless

Specification Date : 04/13/2011

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.