

3050 Spruce Street, Saint Louis, MO 63103, USA

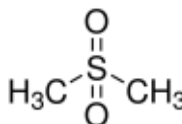
Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

Product Name:

Dimethyl sulfone - 98%

Product Number: M81705  
Batch Number: WXBD0753V  
Brand: ALDRICH  
CAS Number: 67-71-0  
Formula: C<sub>2</sub>H<sub>6</sub>O<sub>2</sub>S  
Formula Weight: 94.13 g/mol  
Quality Release Date: 27 AUG 2019



Test	Specification	Result
Appearance (Colour)	White	White
Appearance (Form)	Conforms to Requirements	Powder
Crystalline Powder, Flakes, Chips or Solid		
Infrared Spectrum	Conforms to Structure	Conforms
Melting point by DSC	107.0 - 111.0 °C	108.7 °C
Purity (GC)	≥ 97.5 %	99.9 %
Solubility (Turbidity)	Clear	Clear
c = 100 mg/ml (10%) Water		
Solubility (Colour)	Colorless	Colorless



Steven Chen, Manager  
Quality Control  
Wuxi, China CN

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.