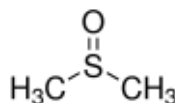


## Certificate of Analysis

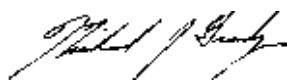
Product Name:

Dimethyl sulfoxide - for HPLC, ≥99.7%

**Product Number:** 34869  
**Batch Number:** SHBM7458  
**Brand:** SIGALD  
**CAS Number:** 67-68-5  
**MDL Number:** MFCD00002089  
**Formula:** C<sub>2</sub>H<sub>6</sub>OS  
**Formula Weight:** 78.13 g/mol  
**Quality Release Date:** 14 OCT 2020  
**Recommended Retest Date:** APR 2024



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
UV Absorbance 350nm	≤ 0.01	< 0.01
UV Absorbance 300nm	≤ 0.10	0.08
UV Absorbance 280nm	≤ 0.30	0.24
UV Absorbance 270nm	≤ 0.70	0.44
Purity (GC)	≥ 99.70 %	99.97 %
Water (by Karl Fischer)	≤ 0.2 %	< 0.1 %
Residue on Evaporation	≤ 0.002 %	< 0.001 %
Recommended Retest Period	-----	-----
42 Months		



Michael Grady, Manager  
 Quality Control  
 Sheboygan Falls, WI US

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.

