

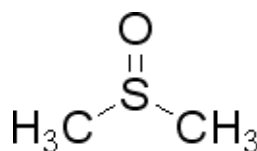
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## Product Specification

Product Name:  
Dimethyl sulfoxide – PCR Reagent

**Product Number:** D9170  
**CAS Number:** 67-68-5  
**MDL:** MFCD00002089  
**Formula:** C<sub>2</sub>H<sub>6</sub>OS  
**Formula Weight:** 78.13 g/mol



| TEST                            | Specification |
|---------------------------------|---------------|
| Appearance (Color)              | Colorless     |
| Appearance (Form)               | Liquid        |
| Appearance (Turbidity)          | Clear         |
| Water (by Karl Fischer)         | ≤ 0.1 %       |
| Purity (GC)                     | ≥ 99.5 %      |
| DNAse, Exonuclease Detection    | None Detected |
| NICKase, Endonuclease Detection | None Detected |
| RNAse Detection                 | None Detected |
| Suitable for PCR                | Suitable      |
| Recommended Retest Period       | -----         |
| 2 Years                         |               |

Specification: PRD.0.ZQ5.10000033895

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.