

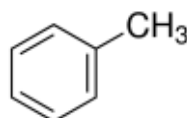
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## Product Specification

Product Name:  
Toluene - ACS reagent, ≥99.5%

Product Number: **676756**  
CAS Number: 108-88-3  
MDL: MFCD00008512  
Formula: C<sub>7</sub>H<sub>8</sub>  
Formula Weight: 92.14 g/mol



| TEST   | Specification             |
|--|---------------------------|
| Appearance (Color)                                       | Colorless                 |
| Appearance (Form)  | Liquid                    |
| Infrared spectrum  | Conforms to Structure     |
| Color Test   | ≤ 10 APHA                 |
| Purity (GC)  | ≥ 99.50 %                 |
| Residue on Evaporation                                   | ≤ 0.001 %                 |
| Water (by Karl Fischer)                                  | ≤ 0.03 %                  |
| Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> ) | Pass                      |
| Sulfur Compounds (as S)                                  | < = 0.003%                |
| Meets ACS Requirements                                   | Current ACS Specification |

Specification: PRD.2.ZQ5.10000023858

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.