

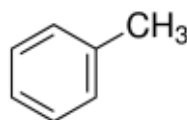
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Product Specification

Product Name:
Toluene – ACS reagent, ≥99.5%

Product Number: 179418
CAS Number: 108-88-3
MDL: MFCD00008512
Formula: C₇H₈
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 ₂ SO ₄) | Pass |
| Sulfur Compounds (as S) | < = 0.003% |
| Meets ACS Requirements | Current ACS Specification |

Specification: PRD.4.ZQ5.10000005029

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. 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.