

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

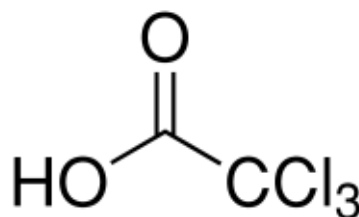
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Trichloroacetic acid – for electrophoresis, suitable for fixing solution (for IEF and PAGE gels), ≥99%

Product Number: T8657
CAS Number: 76-03-9
MDL: MFCD00004177
Formula: C₂HCl₃O₂
Formula Weight: 163.39 g/mol
Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Flakes
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 g/mL, H ₂ O	
Solubility-NTU	≤ 3 NTU
Infrared spectrum	Conforms to Structure
Purity Titration NaOH	≥ 99 %
Heavy Metals (as Lead)	Conforms
< or = 0.002%	
Iron (Fe)	≤ 0.0005 %
Nitrate	Conforms
< or = 0.002%	
Phosphate (P ₀₄)	< = 5 ppm
Sulfate	Conforms
< or = 0.02%	
Chloride (Cl)	Conforms
< or = 0.001%	
Suitability	Suitable
for use in fixing solutions for isoelectric focusing and polyacrylamide gels	

Specification: PRD.0.ZQ5.10000033054

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.