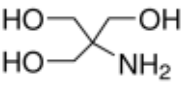
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
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Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Tris(hydroxymethyl)aminomethane - ACS reagent, ≥99.8%

Product Number:	**252859**
CAS Number:	77-86-1
MDL:	MFCD00004679
Formula:	C4H11NO3
Formula Weight:	121.14 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals or Chunk(s) or Powder with Chunk(s) or Crystals with Chunk(s)
Infrared spectrum	Conforms to Structure
A290 UV absorbance C= 40% in H2O	≤ 0.2
Assay Titration with HCl or H2SO4 (Dried)	99.8 - 100.1 %
Water (by Karl Fischer)	≤ 2.0 %
Insoluble matter C= 10%, H2O	≤ 0.005 %
Iron (Fe) by ACS Assay	≤ 5 ppm
Heavy Metals by ICP	≤ 5 ppm
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period 6 Years	----------

Specification: PRD.4.ZQ5.10000025180

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.