

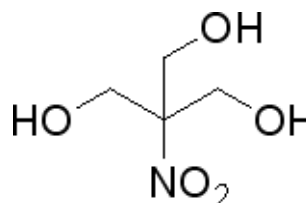
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## Product Specification

Product Name:  
Tris(hydroxymethyl)nitromethane - 98%

**Product Number:** 108189  
**CAS Number:** 126-11-4  
**MDL:** MFCD00007395  
**Formula:** C<sub>4</sub>H<sub>9</sub>NO<sub>5</sub>  
**Formula Weight:** 151.12 g/mol



TEST	Specification
Appearance (Color) Off-White to Yellow to Yellow Orange	Conforms to Requirements
Appearance (Form) Solid, Powder, Crystals or Crystalline Powder	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Carbon	31.0 - 32.6 %
Nitrogen	9.0 - 9.5 %
Purity (TLC)	≥ 98 %
Solubility (Turbidity) 25mg/ml H <sub>2</sub> O	Clear
Solubility (Color)	Colorless to Light Yellow

Specification: PRD.0.ZQ5.10000020901

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.