

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)

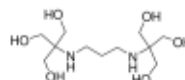
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
BIS-TRIS propane - ≥99.0% (titration)

Product Number: **B6755**  
 CAS Number: 64431-96-5  
 MDL: MFCD00004689  
 Formula: C<sub>11</sub>H<sub>26</sub>N<sub>2</sub>O<sub>6</sub>  
 Formula Weight: 282.33 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
30% (w/w), H <sub>2</sub> O	
Water (by Karl Fischer)	≤ 0.2 %
A290 UV absorbance	≤ 0.05
30% W/V	
Infrared spectrum	Conforms to Structure
<sup>1</sup> H NMR Impurity	≤ 0.5 %
Tris (Hydroxymethyl) Aminomethane	
ICP-MS	≤ 5 ppm
(Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	
Titration with H <sub>2</sub> SO <sub>4</sub>	≥ 99.0 %
(anhydrous)	
Recommended Retest Period	-----
6 years	

Specification: PRD.2.ZQ5.10000010143

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.