

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

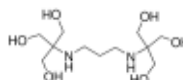
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
BIS-TRIS propane – BioPerformance Certified, cell culture tested, ≥99.0%

Product Number: **B4679**
CAS Number: 64431-96-5
MDL: MFCD00004689
Formula: C₁₁H₂₆N₂O₆
Formula Weight: 282.33 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Water (by Karl Fischer)	≤ 0.2 %
A290 UV absorbance 30% W/V	≤ 0.05
Infrared spectrum	Conforms to Structure
1H NMR Impurity Tris (Hydroxymethyl) Aminomethane	≤ 0.5 %
ICP-MS (Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	≤ 5 ppm
Titration with H ₂ SO ₄ (anhydrous)	≥ 99.0 %
Solubility (Color)	Colorless
Solubility (Turbidity) 15 g plus 35 mL, H ₂ O	Clear
DNase, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNAse Detection	None Detected
Protease Detection	None Detected
Endotoxin Level	≤ 1 EU/mg
Total Aerobic Microbial Count	≤ 100 CFU/g
Cell Culture Test	Pass
Recommended Retest Period 6 years	-----

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.

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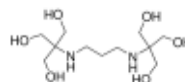
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Specification: PRD.2.ZQ5.10000016866

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