

# Product Specification

**Product Name :**

BIS-TRIS BioPerformance Certified, suitable for cell culture, suitable for insect cell culture, ≥98.0%

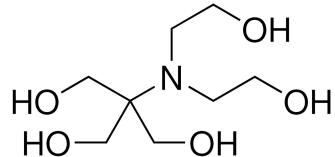
**Product Number:** B4429

**CAS Number:** 6976-37-0

**MDL Number :** MFCD00002853

**Molecular Formula:** C<sub>8</sub>H<sub>19</sub>NO<sub>5</sub>

**Formula Weight:** 209.24 g/mol



Test	Specification
Water (by Karl Fischer)	≤ 1%
DNase, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
RNase Detection	None Detected
Protease Detection	None Detected
Endotoxin Level	≤ 1EU/mg
Total Aerobic Microbial Count	≤ 100CFU/g
Cell Culture Test	Pass
Insect Cell Test	Pass
ICP-MS (Total: Ag, As, Bi, Cd, Cu, Hg, Mo, Pb, Sb, Sn)	≤ 5ppm
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity) 500 mg/ml, H <sub>2</sub> O	Clear

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.

Version Number: PRP.00.ZQ5.1206359

Page 1 of 2

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Product Name: BIS-TRIS  
Product Number: B4429-BULK

Test	Specification
Infrared Spectrum	Conforms to Structure
Titration with H <sub>2</sub> SO <sub>4</sub> (anhydrous)	≥ 98.0%
Expiration Dated Product	-----

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Page 2 of 2

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