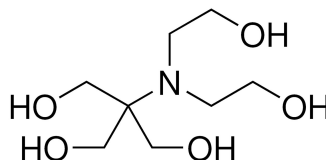


Product Specification

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:** C₈H₁₉NO₅**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 ₂ 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. 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

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Product Name: BIS-TRIS

Product Number: B4429-BULK

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

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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