

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
BIS-TRIS propane

Product Number:

PHG0005

CAS Number:

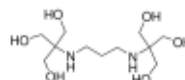
64431-96-5

Formula:

C₁₁H₂₆N₂O₆

Formula Weight:

282.33 g/mol



TEST

Specification

Appearance (Color)	White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 0.2 %
Assay	≥ 99.0 %
(anhydrous basis)	
UV Absorbance 290nm	≤ 0.05
30% W/V in H ₂ O	
Recommended Retest Period	-----
6 years	
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
1 M in H ₂ O	
Residue on ignition (Ash)	≤ 0.1 %
Aluminum (Al)	≤ 5.0 ppm
Lead (Pb)	≤ 10.0 ppm
Copper (Cu)	≤ 5.0 ppm
Zinc (Zn)	≤ 5.0 ppm
Calcium (Ca)	≤ 5.0 ppm
Magnesium (Mg)	≤ 5.0 ppm
Sodium (Na)	≤ 50 ppm
Iron (Fe)	≤ 5.0 ppm
Potassium (K)	≤ 50 ppm
DNAse, Exonuclease Detection	Pass

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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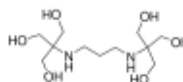
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TEST	Specification
NICKase, Endonuclease Detection	Pass
RNAse Detection	Pass
Protease Detection	Pass
Endotoxin	≤ 50 EU/g
Total Aerobic Microbial Count	≤ 100 CFU/g
Total Yeast and Mold	≤ 100 CFU/g
Cytotoxicity	Pass

Specification: PRD.2.ZQ5.10000042185

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