

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-14 09:25:27  
Date of Next Testing: 2028-06-13 09:25:27  
Product Name: **BIS-TRIS propane**  
CAS Number: 64431-96-5  
Specifications & Purity: 99%  
Lot #: F2405224  
SKU #: **B105640**  
Version: **1**  
Analysis #: **369158**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.2 (%)	0.18 %
Melting point	165-167 (°C)	165.43000 °C
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity(Neutralization titration)	99-101 (%)	100.20 %
Proton NMR Spectrum(Tris (Hydroxymethyl) Aminomethane)	0-0.5 (%)	0.00 %
UV Absorbance 290nm(30%W/V,H2O)	0-0.05	0.01500
Appearance (B105640)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless Clear,30% (w/w)	pass	Pass



John Su  
QA & QC Manager