

## Certificate of Analysis

Date of Testing: 2023-03-15 14:56:09  
Date of Next Testing: 2027-03-14 14:56:09  
Product Name: **BIS-TRIS propane**  
CAS Number: 64431-96-5  
Specifications & Purity: 98%  
Lot #: C2309308  
SKU #: **B299299**  
**Analysis:** **200633**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.23 %
Loss on drying	0-1 (%)	0.84 %
Melting point	165-167 (°C)	165.42000 °C
UV Absorbance 280nm	0-0.15	0.00
UV Absorbance 400nm	0-0.05	0.00
Appearance (B299299)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility(0.1m in water)	Clear colorless	Clear Colorless



John Su  
QA & QC Manager