

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-12-14 14:35:55
Date of Next Testing:	2027-12-13 14:35:55
Product Name:	BIS-TRIS
CAS Number:	6976-37-0
Specifications & Purity:	98%
Lot #:	L2301048
SKU #	B105639
Analysis:	304739
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
pKa (25 °C)	6.45-6.65	6.55
Iron(Fe)	0-0.0005 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.90700 %
280 nm(1M in water)	0-0.04	0.02
Melting point	102-106 (°C)	105.78000 °C
Purity(Titration)	98.5-101.5 (%)	99.31 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Loss on drying	0-1 (%)	0.04 %
PH (1 %; Water)	8.8-9.6	9.20
UV Absorbance 340nm	0-0.02	0.01
Heavy metal (as Pb)	0-0.0003 (%)	0.00 %
Appearance (B105639)	colorless to white crystal solid	colorless to white crystal solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager