

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-02 15:07:31

Date of Next Testing: 2029-12-01 15:07:31

Product Name: **BIS-TRIS**

CAS Number: 6976-37-0

Specifications & Purity: $\geq 98\%$

Lot #: K2528148

SKU #: **B105639**

Version: **1**

Analysis #: **615778**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
pKa (25 °C)	6.45-6.65	6.55000
Iron(Fe)	0-0.0005 (%)	0.00000 %
Purity(HPLC)	98-100 (%)	99.98000 %
280 nm(1M in water)	0-0.04	0.00200
Melting point	102-106 (°C)	104.22000 °C
Purity(Titration)	98.5-101.5 (%)	99.74100 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Loss on drying	0-1 (%)	0.00000 %
PH (1 %; Water)	8.8-9.6	9.20000
UV Absorbance 340nm	0-0.02	0.00500
Heavy metal (as Pb)	0-0.0003 (%)	0.00000 %
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