

Certificate of Analysis

Date of Testing: 2025-02-15 10:26:11

Date of Next Testing: 2028-02-15 10:26:11

Product Name: **Tris base**

CAS Number: 77-86-1

Specifications & Purity: $\geq 99\%$ (titration)

Lot #: B2511572

SKU #: **T434093**

Version: **1**

Analysis #: **473320**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.04 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.4	0.05
Purity (Titration by H ₂ SO ₄)	99-102.5 (%)	100.18 %
ICP-MS (Total metallic impurity)	≤ 5 (ppm)	5.00000 ppm
Appearance(T434093)	White to Off White Crystalline or Powder	White to off white crystalline or powder
Solubility in H ₂ O ,Clear Colorless to Faint Yellow,200g plus 300ml of water	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager