

Certificate of Analysis

Date of Testing: 2024-12-26 14:49:42

Date of Next Testing: 2027-12-26 14:49:42

Product Name: **Tris base**

CAS Number: 77-86-1

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

Lot #: L2417784

SKU #: **T434093**

Version: **1**

Analysis #: **445656**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.16 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.4	0.06
Purity (Titration by H ₂ SO ₄)	99-102.5 (%)	100.40 %
ICP-MS (Total metallic impurity)	≤ 5 (ppm)	1.28300 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