

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-10 16:09:55
 Date of Next Testing: 2028-11-09 16:09:55
 Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**
 CAS Number: 77-86-1
 Specifications & Purity: $\geq 99\%$ (titration)
 Lot #: K2506772
 SKU #: **T434093**
 Version: **1**
 Analysis #: **595532**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.08180 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.4	0.04400
Purity (Titration by H ₂ SO ₄)	99-102.5 (%)	100.07000 %
ICP-MS (Total metallic impurity)	≤ 5 (ppm)	0.34700 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