

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 09:32:26
 Date of Next Testing: 2028-08-13 09:32:26
 Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**
 CAS Number: 77-86-1
 Specifications & Purity: $\geq 99\%$ (titration)
 Lot #: H2508753
 SKU #: **T434093**
 Version: **1**
 Analysis #: **532877**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.09190 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.4	0.05800
Purity (Titration by H ₂ SO ₄)	99-102.5 (%)	99.66000 %
ICP-MS (Total metallic impurity)	≤ 5 (ppm)	4.89000 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