

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-24 16:58:44
Date of Next Testing: 2029-11-23 16:58:44
Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**
CAS Number: 77-86-1
Specifications & Purity: $\geq 99.9\%$ (T), Primary Standard and Buffer
Lot #: K2517003
SKU #: **T110599**
Version: **0**
Analysis #: **611688**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	1.00000 ppm
Iron(Fe)	0-1 (ppm)	0.50000 ppm
Water by Karl Fischer	0-0.2 (%)	0.01000 %
Melting point	168-172 (°C)	171.05000 °C
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	100.28000 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.5	0.03800
Appearance (T110599)	White crystalline powder,Crystals,Granules and/or Chunks	White crystalline powder,Crystals,Granules and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless , 200g pass plus 300ml of water		Pass



John Su
QA & QC Manager