

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-05 10:08:30
 Date of Next Testing: 2029-06-04 10:08:30
 Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**
 CAS Number: 77-86-1
 Specifications & Purity: $\geq 99.9\%$ (T), Primary Standard and Buffer
 Lot #: E2528599
 SKU #: **T110599**
 Version: **0**
 Analysis #: **519779**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	0.03250 ppm
Iron(Fe)	0-1 (ppm)	0.21040 ppm
Water by Karl Fischer	0-0.2 (%)	0.10420 %
Melting point	168-172 (°C)	169.64000 °C
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	99.91000 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.5	0.05000
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