

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-14 08:36:52

Date of Next Testing: 2030-05-13 08:36:52

Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**

CAS Number: 77-86-1

Specifications & Purity: $\geq 99.9\%$ (T), Primary Standard and Buffer

Lot #: E2608509

SKU #: **T110599**

Version: **0**

Analysis #: **705101**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	0.02140 ppm
Iron(Fe)	0-1 (ppm)	0.00200 ppm
Water by Karl Fischer	0-0.2 (%)	0.10360 %
Melting point	168-172 (°C)	171.21000 °C
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	100.14000 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.5	0.06800
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