

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-04-02 10:52:18
Date of Next Testing:	2028-04-01 10:52:18
Product Name:	Tris(hydroxymethyl)aminomethane
CAS Number:	77-86-1
Specifications & Purity:	Primary Standard and Buffer, ≥99.9% (titration)
Lot #:	C2428098
SKU #	T110599
Version	0
Analysis #:	339043
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	0.10 ppm
Iron(Fe)	0-1 (ppm)	0.35 ppm
Water by Karl Fischer	0-0.2 (%)	0.11 %
Melting point	168-172 (°C)	171.42000 °C
Purity (Titration by H2SO4)	99.7-100.3 (%)	99.93 %
UV Absorbance 290nm(40%,H2O)	0-0.5	0.09
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 H2O , clear colorless , 200g pass plus 300ml of water		Pass



John Su
QA & QC Manager