

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-19 20:39:38  
Date of Next Testing: 2025-02-18 20:39:38  
Product Name: **Tris(hydroxymethyl)aminomethane (TRIS, Trometamol)**  
CAS Number: 77-86-1  
Specifications & Purity: ultrapure  
Lot #: B2315014  
SKU #: **T274250**  
**Analysis: 182600**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
UV Absorbance 290nm(40%,H2O)	0-0.2	0.08
UV Absorbance 400nm(40%,H2O)	0-0.05	0.01300
UV Absorbance 280nm(at 1M in H2O)	0-0.5	0.01
(As)Arsenic	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0001 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Lead(Pb)	0-0.0001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Melting point	168-172 (°C)	171.54000 °C
Moisture content	0-1 (%)	0.09 %
PH (5%, water) 25 ° C	10-11.5	11.10
Purity (Titration by H2SO4)	99.7-100.3 (%)	100.26 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility (10%, Water)	Pass	Pass



---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager