

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-03-22 11:22:25
Date of Next Testing:	2026-03-22 11:22:25
Product Name:	<b>Tris(hydroxymethyl)aminomethane (TRIS, Trometamol)</b>
CAS Number:	77-86-1
Specifications & Purity:	ultrapure
Lot #:	C2408455
SKU #	<b>T274250</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>324210</b>
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
UV Absorbance 290nm(40%,H2O)	0-0.2	0.04
UV Absorbance 400nm(40%,H2O)	0-0.05	0.00700
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 %
Moisture content	0-1 (%)	0.10 %
PH (5%, water) 25 ° C	10-11.5	10.83
Melting point	168-172 (°C)	171.89000 °C
Purity (Titration by H2SO4)	99.7-100.3 (%)	100.29 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility (10%, Water)	Pass	Pass



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

John Su  
QA & QC Manager