

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-05 17:02:48
 Date of Next Testing: 2027-08-05 17:02:48
 Product Name: **Tris(hydroxymethyl)aminomethane (TRIS, Trometamol)**
 CAS Number: 77-86-1
 Specifications & Purity: Ultra pure
 Lot #: G2530457
 SKU #: **T274250**
 Version: **1**
 Analysis #: **545271**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
UV Absorbance 290nm(40%,H ₂ O)	0-0.2	0.08400
UV Absorbance 400nm(40%,H ₂ O)	0-0.05	0.02500
UV Absorbance 280nm(at 1M in H ₂ O)	0-0.5	0.03400
(As)Arsenic	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0001 (%)	0.00000 %
Insoluble matter	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0001 (%)	0.00000 %
Lead(Pb)	0-0.0001 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Melting point	168-172 (°C)	171.20000 °C
Moisture content	0-1 (%)	0.26500 %
PH (5%, water) 25 °C	10-11.5	10.92000
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	100.03000 %
Solubility (10%, Water)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager