

Certificate of Analysis

Date of Testing: 2024-12-09 12:10:52

Date of Next Testing: 2026-12-09 12:10:52

Product Name: **Tris(hydroxymethyl)aminomethane (TRIS, Trometamol)**

CAS Number: 77-86-1

Specifications & Purity: Ultra pure

Lot #: L2405528

SKU #: **T274250**

Version: **1**

Analysis #: **441081**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
UV Absorbance 290nm(40%,H ₂ O)	0-0.2	0.07
UV Absorbance 400nm(40%,H ₂ O)	0-0.05	0.01100
UV Absorbance 280nm(at 1M in H ₂ O)	0-0.5	0.02
(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)	171.25000 °C
Moisture content	0-1 (%)	0.27 %
PH (5%, water) 25 °C	10-11.5	10.71
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	100.17 %
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