

Certificate of Analysis

Date of Testing: 2022-06-30 17:49:51
Date of Next Testing: 2024-06-29 17:49:51
Product Name: **Tris(hydroxymethyl)aminomethane (TRIS, Trometamol)**
CAS Number: 77-86-1
Specifications & Purity: ultrapure
Lot #: F2223408
SKU #: **T274250**
Analysis: 090965
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
(As)Arsenic	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0001 (%)	0.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Moisture content	0-1 (%)	0.11 %
UV Absorbance 290nm(40%,H2O)	0-0.2	0.06
UV Absorbance 400nm(40%,H2O)	0-0.05	0.01900
UV Absorbance 280nm(at 1M in H2O)	0-0.5	0.03
Insoluble matter	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.0001 (%)	0.00 %
Melting point	168-172 (°C)	170.77000 °C
PH (5%, water) 25 °C	10-11.5	10.64
Purity (Titration by H2SO4)	99.7-100.3 (%)	100.27 %
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