

## Certificate of Analysis

Date of Testing: 2022-03-14 16:07:56  
 Date of Next Testing: 2024-03-13 16:07:56  
 Product Name: **Tris(hydroxymethyl)aminomethane (TRIS, Trometamol)**  
 CAS Number: 77-86-1  
 Specifications & Purity: ultrapure  
 Lot #: C2210049  
 SKU #: **T274250**  
**Analysis: 039691**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
UV Absorbance 290nm(40%,H2O)	0-0.2	0.05
UV Absorbance 400nm(40%,H2O)	0-0.05	0.01400
UV Absorbance 280nm(at 1M in H2O)	0-0.5	0.03
(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)	169.29000 °C
Moisture content	0-1 (%)	0.15 %
PH (5%, water) 25 ° C	10-11.5	10.60
Purity (Titration by H2SO4)	99.7-100.3 (%)	99.75 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility (10%, Water)	Pass	Pass



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager