

Certificate of Analysis

Date of Testing: 2025-04-21 13:34:07

Date of Next Testing: 2029-04-20 13:34:07

Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**

CAS Number: 77-86-1

Specifications & Purity: $\geq 99.9\%$ (T), Primary Standard and Buffer

Lot #: D2508623

SKU #: **T110599**

Version: **0**

Analysis #: **498512**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	0.03 ppm
Iron(Fe)	0-1 (ppm)	0.22 ppm
Water by Karl Fischer	0-0.2 (%)	0.00 %
Melting point	168-172 (°C)	170.36000 °C
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	100.07 %
UV Absorbance 290nm(40%,H ₂ O)	0-0.5	0.06
Appearance (T110599)	White crystalline powder,Crystals,Granules and/or Chunks	White crystalline powder,Crystals,Granules and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless , 200g pass plus 300ml of water		Pass



John Su
QA & QC Manager