

## Certificate of Analysis

Date of Testing: 2024-12-07 15:34:27

Date of Next Testing: 2028-12-06 15:34:27

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

CAS Number: 77-86-1

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

Lot #: L2404672

SKU #: **T110599**

Version: **0**

Analysis #: **445658**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	0.00 ppm
Iron(Fe)	0-1 (ppm)	0.00 ppm
Water by Karl Fischer	0-0.2 (%)	0.02 %
Melting point	168-172 (°C)	171.03000 °C
Purity (Titration by H <sub>2</sub> SO <sub>4</sub> )	99.7-100.3 (%)	99.98 %
UV Absorbance 290nm(40%,H <sub>2</sub> O)	0-0.5	0.09
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 <sub>2</sub> O , clear colorless , 200g pass plus 300ml of water		Pass



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