

Certificate of Analysis

Date of Testing: 2024-12-25 19:19:11

Date of Next Testing: 2028-12-24 19:19:11

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

CAS Number: 77-86-1

Specifications & Purity: for cell culture, $\geq 99.9\%$ (T)

Lot #: L2424403

SKU #: **T110602**

Version: **2**

Analysis #: **449040**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-2 (ppm)	0.00 ppm
Water by Karl Fischer	0-0.2 (%)	0.05 %
Melting point	168-172 (°C)	171.52000 °C
UV Absorbance 290nm(40% (w/w) in H ₂ O)	0-0.05	0.05000
Purity (T)	99.9-100 (%)	99.93 %
Appearance (T110602)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H ₂ O , clear colorless , 200g plus 300ml of water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su
QA & QC Manager