

Certificate of Analysis

Date of Testing: 2023-07-22 14:03:36
Date of Next Testing: 2027-07-21 14:03:36
Product Name: **Tris(hydroxymethyl)aminomethane**
CAS Number: 77-86-1
Specifications & Purity: for cell culture, ≥99.9%(T)
Lot #: G2314179
SKU #: **T110602**
Analysis: **091406**

Parameter	Limit Values	Result
UV Absorbance	0-0.05	0.03
Purity (T)	99.9-100 (%)	99.90 %
Heavy metal (as Pb)	0-2 (ppm)	1.00 ppm
Water by Karl Fischer	0-0.2 (%)	0.12 %
Melting point	168-172 (°C)	170.94000 °C
Appearance (T110602)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Cell Culture Test	pass	Pass
Solubility in H ₂ O , clear colorless , 200g plus 300ml of water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager