

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-02 18:26:58

Date of Next Testing: 2030-06-01 18:26:58

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

CAS Number: 77-86-1

Specifications & Purity: for cell culture, ≥99.9%(T)

Lot #: E2618027

SKU #: **T110602**

Version: **3**

Analysis #: **716573**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (T)	99.9-100 (%)	99.90000 %
Heavy metal (as Pb)	0-2 (ppm)	1.21000 ppm
Water by Karl Fischer	0-0.2 (%)	0.14000 %
Melting point	168-172 (°C)	170.72000 °C
UV Absorbance 290nm(40% (w/w) in H ₂ O)	0-0.05	0.04500
Purity (Titration by H ₂ SO ₄)	99.7-100.3 (%)	99.70000 %
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