

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-23 10:28:24
Date of Next Testing: 2029-07-22 10:28:24
Product Name: **Tris(hydroxymethyl)aminomethane (Tris base)**
CAS Number: 77-86-1
Specifications & Purity: for cell culture, $\geq 99.9\%$ (T)
Lot #: G2521037
SKU #: **T110602**
Version: **3**
Analysis #: **547451**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (T)	99.9-100 (%)	99.91000 %
Heavy metal (as Pb)	0-2 (ppm)	0.03250 ppm
Water by Karl Fischer	0-0.2 (%)	0.10420 %
Melting point	168-172 (°C)	169.64000 °C
UV Absorbance 290nm(40% (w/w) in H ₂ O)	0-0.05	0.05000
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