

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-28 10:52:18

Date of Next Testing: 2028-09-27 10:52:18

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

CAS Number: 1185-53-1

Specifications & Purity: Ultra pure,  $\geq 99\%$ (T), useful in pH range 7.0-9.0

Lot #: I2518081

SKU #: **T755536**

Version: **2**

Analysis #: **584291**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metals	0-5 (ppm)	0.00000 ppm
Assay(Titration by NaOH)	98.5-101.5 (%)	99.95000 %
pH (20 °C , 100 g/l in H <sub>2</sub> O)	3.5-5	4.50000
Appearance(T755536)	white Powder or Crystals or solid	White Powder or Crystals or Solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless and clear(500 mg/mL)	pass	Pass



John Su  
QA & QC Manager