

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-08 11:12:31  
Date of Next Testing: 2027-10-07 11:12:31  
Product Name: **Tris(hydroxymethyl)aminomethane**  
CAS Number: 77-86-1  
Specifications & Purity: Proteomics Grade  
Lot #: I2328582  
SKU #: **T274227**  
**Analysis:** **277946**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	<2 (%)	0.25 %
Heavy metals(as Pb)	<5 (ppm)	0.00 ppm
Insoluble matter	<0.005 (%)	0.00 %
Assay (dry basis)	99.8 - 100.1 (%)	100.01000 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Absorbance	passes test	Passes test
Appearance (T274227)	White crystalline powder or needle-like crystallization	White crystalline powder or needle-like crystallization



John Su  
QA & QC Manager