

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-05 14:57:09  
Date of Next Testing: 2026-11-04 14:57:09  
Product Name: **Tris(hydroxymethyl)aminomethane acetate salt**  
CAS Number: 6850-28-8  
Specifications & Purity: 99%  
Lot #: J2231026  
SKU #: **T113199**  
**Analysis: 138945**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(0.1 M in water)	6-7	6.35
UV Absorbance 290nm (50% aqueous)	≥0.5	0.82
Water by Karl Fischer	0-0.2 (%)	0.14 %
Heavy metal (as Pb)	0-5 (ppm)	0.27 ppm
Purity (Titration by NaOH)	99-100 (%)	99.29 %
Melting point	118-122 (°C)	121.91000 °C
Appearance (T113199)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless Clear, 1 g/ml, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager