

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-13 17:48:18
 Date of Next Testing: 2027-04-12 17:48:18
 Product Name: **Tris(hydroxymethyl)aminomethane acetate salt**
 CAS Number: 6850-28-8
 Specifications & Purity: 99%
 Lot #: C2324564
 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 ₂ O	pass	Pass



John Su
QA & QC Manager