

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-02-19 09:38:44
Date of Next Testing:	2028-02-18 09:38:44
Product Name:	Tris(hydroxymethyl)aminomethane hydrochloride
CAS Number:	1185-53-1
Specifications & Purity:	reagent grade, ≥99%
Lot #:	A2425189
SKU #	T105287
Analysis:	300443
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.27 %
Purity (Titration by NaOH)	99-100 (%)	99.69 %
Appearance (T105287)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, Clear, 200 g plus 300 ml of H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager