

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-08 16:42:23
Date of Next Testing: 2028-01-07 16:42:23
Product Name: **Tris(hydroxymethyl)aminomethane hydrochloride**
CAS Number: 1185-53-1
Specifications & Purity: reagent grade, $\geq 99\%$
Lot #: A2405270
SKU #: **T105287**
Analysis: **300440**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.17 %
Purity (Titration by NaOH)	99-100 (%)	99.45 %
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