

Certificate of Analysis

Date of Testing: 2025-02-22 16:11:40

Date of Next Testing: 2029-02-21 16:11:40

Product Name: **Tris(hydroxymethyl)aminomethane hydrochloride**

CAS Number: 1185-53-1

Specifications & Purity: Reagent grade, ≥99%

Lot #: B2513557

SKU #: **T105287**

Version: **0**

Analysis #: **464591**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-100 (%)	99.46 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.23 %
Appearance (T105287)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless, Clear, 200 g plus 300 ml of H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager