

Certificate of Analysis

Date of Testing: 2023-10-24 16:35:20
Date of Next Testing: 2026-10-23 16:35:20
Product Name: **Tris hydrochloride**
CAS Number: 1185-53-1
Specifications & Purity: >99% (titration), pH range 7.0 - 9.0, suitable for FISH
Lot #: J2318291
SKU #: **T431526**
Analysis: **279176**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	99-102.5 (%)	99.83 %
Water by Karl Fischer	0-1 (%)	0.93 %
Iron(Fe)	0-1 (ppm)	0.00 ppm
pH(100 mg/ml water)	3-5	3.53000
Heavy metal (as Pb)	0-1 (ppm)	0.00 ppm
Appearance(T431526)	white crystalline powder	white crystalline powder
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager