

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-01 18:48:45

Date of Next Testing: 2027-02-28 18:48:45

Product Name: **Triethanolamine hydrochloride**

CAS Number: 637-39-8

Specifications & Purity: 99.5%

Lot #: B2328263

SKU #: **T103912**

Analysis: **115839**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	4.36 ppm
Water by Karl Fischer	0-0.2 (%)	0.16 %
Purity(Titration by AgNO3)	99.5-100.5 (%)	100.49 %
Appearance (T103912)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless Clear ,25 g /75 ml, H2O	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager