

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-20 17:02:19
 Date of Next Testing: 2029-03-19 17:02:19
 Product Name: **Triethanolamine hydrochloride**
 CAS Number: 637-39-8
 Specifications & Purity: $\geq 99.5\%$
 Lot #: C2519659
 SKU #: **T103912**
 Version: **0**
 Analysis #: **483800**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-0.2 (%)	0.01 %
Purity(Titration by AgNO ₃)	99.5-100.5 (%)	99.52 %
Appearance (T103912)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless Clear, 25 g / 75 ml, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager