

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-26 13:57:27

Date of Next Testing: 2024-11-15 13:57:27

Product Name: **Triethylene diamine**

CAS Number: 280-57-9

Specifications & Purity: 98%

Lot #: K2222380

SKU #: **T105635****Analysis: 109723**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.61 %
Purity(Neutralization titration)	98-102 (%)	99.89 %
Melting point	155-161 (°C)	158.47000 °C
Appearance (T105635)	white to pale yellow Powder, Crystals and/or Chunk	white to pale yellow Powder, Crystals and/or Chunk
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager