

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-15 14:18:54

Date of Next Testing: 2024-09-04 14:18:54

Product Name: **Triethylene diamine**

CAS Number: 280-57-9

Specifications &amp; Purity: 98%

Lot #: I2212368

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