

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-25 11:02:33
Date of Next Testing: 2025-09-14 11:02:33
Product Name: **Triethylenetetramine**
CAS Number: 112-24-3
Specifications & Purity: $\geq 97.0\%$ (T)
Lot #: I2319265
SKU #: **T418727**
Analysis: **270506**
Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.20 %
Refractive index n ₂₀ /D	1.495-1.497	1.50
Assay(Titration by HCL, 1M)	97-103 (%)	99.70 %
Appearance(T418727)	Colorless to Almost Colorless Viscous Liquid	Colorless to Almost Colorless Viscous Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager