

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-11 14:56:17

Date of Next Testing: 2026-12-01 14:56:17

Product Name: **Triethylenetetramine**

CAS Number: 112-24-3

Specifications & Purity: $\geq 70\%$

Lot #: F2108214

SKU #: **T278643**Version: **1**Analysis #: **447620**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	70-100 (%)	70.00 %
Specific gravity (20/20°C)	0.978-0.982	0.98
Refractive index n ₂₀ /D	1.495-1.501	1.50
Appearance(T278643)	Colorless to Faint Yellow Liquid	Colorless to Faint Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager