

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 09:42:37

Date of Next Testing: 2025-03-02 09:42:37

Product Name: **Triethylenetetramine**

CAS Number: 112-24-3

Specifications & Purity: 70%

Lot #: F2108213

SKU #: **T278643****Analysis: 197760**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	70-100%	70.01%
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