

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-03 14:19:23

Date of Next Testing: 2025-01-23 14:19:23

Product Name: **Triethylenetetramine**

CAS Number: 112-24-3

Specifications & Purity: Chemically Pure,68%

Lot #: A2331327

SKU #: **T103762****Analysis: 009487**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.02 (%)	0.00 %
Refractive index n ₂₀ /D	1.496-1.498	1.50
Purity(GC)	68-100 (%)	68.06 %
Density (20°C)	0.977-0.99	0.98
Appearance (T103762)	Colorless Liquid	Colorless liquid
Solubility in EtOH , clear,50mg/ml	pass	Pass

John Su
QA & QC Manager