

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-16 16:16:38  
Date of Next Testing: 2026-09-15 16:16:38  
Product Name: **N,N,N',N'-Tetraethylethylenediamine**  
CAS Number: 150-77-6  
Specifications & Purity: 98%  
Lot #: I2212158  
SKU #: **N159331**  
**Analysis: 117273**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.803-0.807	0.81
Refractive index n <sub>20</sub> /D	1.433-1.437	1.43
Purity(GC)	98-100 (%)	99.08%
Appearance (N159331)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager