

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-09 14:17:51  
 Date of Next Testing: 2029-12-08 14:17:51  
 Product Name: **N,N,N',N'-Tetraethylethylenediamine**  
 CAS Number: 150-77-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2503010  
 SKU #: **N159331**  
 Version: **0**  
 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