

## Certificate of Analysis

Date of Testing: 2025-04-24 10:26:57

Date of Next Testing: 2029-04-23 10:26:57

Product Name: **N,N,N',N'-Tetraethylethylenediamine**

CAS Number: 150-77-6

Specifications & Purity:  $\geq 98\%$

Lot #: D2523285

SKU #: **N159331**

Version: **0**

Analysis #: **368781**

Storage Temperature: Argon charged

| Parameter                          | Limit Values               | Result                     |
|------------------------------------|----------------------------|----------------------------|
| Density (20°C)                     | 0.803-0.807                | 0.80                       |
| Refractive index n <sub>20/D</sub> | 1.433-1.437                | 1.43                       |
| Purity(GC)                         | 98-100 (%)                 | 98.24 %                    |
| Proton NMR spectrum                | Conforms to Structure      | Conforms to Structure      |
| Appearance (N159331)               | Colorless to Yellow Liquid | Colorless to Yellow Liquid |



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