

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-04 11:55:36

Date of Next Testing: 2024-04-28 11:55:36

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

CAS Number: 110-18-9

Specifications & Purity: 99%

Lot #: D23211470

SKU #: **T105497**

**Analysis:** **207266**

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

| Parameter   | Limit Values                     | Result                           |
|---|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D                           | 1.416-1.419                      | 1.42                             |
| Water by Karl Fischer   | 0-1 (%)                          | 0.08 %                           |
| Purity(GC)  | 99-100 (%)                       | 99.83 %                          |
| Density (20°C)  | 0.775-0.778                      | 0.78                             |
| Appearance (T105497)  | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum   | Conforms to Structure            | Conforms to Structure            |
| Solubility in H <sub>2</sub> O , Colorless Clear, C=5 g/50 ml | pass                             | Pass                             |



John Su  
QA & QC Manager