

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 13:27:56

Date of Next Testing: 2024-09-13 13:27:56

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

CAS Number: 110-18-9

Specifications & Purity: 99%

Lot #: I2314070

SKU # **T105497**

Analysis: **251913**

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

| Parameter | Limit Values | Result |
|---|----------------------------------|----------------------------------|
| Refractive index n ₂₀ /D | 1.416-1.419 | 1.42 |
| Water by Karl Fischer | 0-1 (%) | 0.07 % |
| Density (20°C) | 0.775-0.778 | 0.78 |
| Purity(GC) | 99-100 (%) | 99.83 % |
| Appearance (T105497) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Colorless Clear, C=5 g/50 ml | pass | Pass |



John Su
QA & QC Manager