

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-10 15:22:56

Date of Next Testing: 2026-03-05 15:22:56

Product Name: **N,N,N',N'-Tetramethylethylenediamine (TEMED)**

CAS Number: 110-18-9

Specifications & Purity:  $\geq 99\%$

Lot #: C2504470

SKU #: **T105497**

Version: **1**

Analysis #: **474735**

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 (%)	0.07 %
Purity(GC)	99-100 (%)	99.55 %
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