

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-16 10:03:57

Date of Next Testing: 2025-11-11 10:03:57

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

CAS Number: 110-18-9

Specifications & Purity: $\geq 99\%$

Lot #: K2414067

SKU #: **T105497**

Version: **1**

Analysis #: **432907**

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

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.416-1.419	1.41790
Water by Karl Fischer	0-1 (%)	0.05010 %
Density (20°C)	0.775-0.778	0.77510
Purity(GC)	99-100 (%)	99.72900 %
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