

## 775 – N,N,N,N-TETRA METHYLETHYLENEDIAMMINE (TEMED), AR GRADE

REF NO: TBL/QA/SS/LC/775	<b>STANDARD SPECIFICATION FOR N,N,N,N-TETRA METHYLETHYLENEDIAMMINE (TEMED), AR GRADE</b>	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 775

### PRODUCT PROPERTIES

C.A.S Number	110-18-9
Chemical Formula	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub>
Formula weight	116.21
Functional Uses	N,N,N',N'-Tetramethylethylenediamine is used as an initiator along with ammonium persulfate for polymerization reactions.
Standard Packaging	100 ml & 500 ml.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless to light yellow colour clear liquid

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 99.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

