

TMB 075 – TEMED (N,N,N',N'-TETRAMETHYLENEDIAMINE) (MOLECULAR BIOLOGY GRADE)

REF NO: TBL/QA/SS/LC/TMB 075	STANDARD SPECIFICATION FOR TEMED (N,N,N',N'- TETRAMETHYLENEDIAMINE) (MOLECULAR BIOLOGY GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 075

PRODUCT PROPERTIES

C.A.S Number	110-18-9
Chemical Formula	C ₆ H ₁₆ N ₂
Formula weight	116.20
Functional Uses	TEMED is a tertiary amine that is used to catalyze the formation of free radicals from ammonium persulfate or riboflavin. It is suitable for polyacrylamide gel electrophoresis (PAGE).
Standard Packaging	100 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 ₄)	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
DNases/RNases	None detected
Chloride (Cl)	NMT – 0.005%

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

