

TMB 012 – AMMONIUM PERSULPHATE (Molecular Biology Grade)

REF NO: TBL/QA/SS/LC/TMB 012	STANDARD SPECIFICATION FOR AMMONIUM PERSULPHATE (Molecular Biology Grade)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 012

PRODUCT PROPERTIES

C.A.S Number	7727-54-0
Chemical Formula	(NH ₄) ₂ S ₂ O ₈
Formula weight	228.2
Functional Uses	Ammonium Persulphate is used as a Catalyst for acrylamide gel polymerization
Standard Packaging	25 gm., 100gm. & 500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color crystalline powder.
Solubility	Freely soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Acidity(as H ₂ SO ₄)	NMT – 0.2%
Chloride (Cl)	NMT – 0.0005%
Iron (Fe)	NMT – 0.001%
Heavy Metals (Pb)	NMT – 0.002%
Manganese (Mn)	NMT – 0.0005%
DNases/RNases	None detected
Assay	NLT – 98.0%

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