

PRODUCT IDENTITY

PRODUCT NAME	Ammonium persulfate (APS)	PRODUCT NUMBER	A112448
Grades & Purity	AR, ≥98%	VERSION	3
CAS NUMBER	7727-54-0	FORMULA	H ₈ N ₂ O ₈ S ₂
FORMULA WEIGHT	228.20g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Insoluble matter in H ₂ O	0-0.005 (%)
Heavy metal (as Pb)	0-0.0005 (%)
Iron(Fe)	0-0.0005 (%)
Manganese(Mn)	0-0.00005 (%)
Ignition Residue (as sulfate)	0-0.02 (%)
Appearance (A112448)	White to Off-White Powder or Crystals
Clarity of solution , ≤3#	Pass
Infrared spectrum	Conforms to Structure
Assay	98-100 (%)
Chloride and chlorate(Cl)	0-0.001 (%)