

PRODUCT IDENTITY

PRODUCT NAME	Ammonium persulfate(APS)	PRODUCT NUMBER	A112449
Grades & Purity	ACS	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 (%)
Manganese(Mn)	0-0.5 (ppm)
Ignition Residue	0-0.05 (%)
Iron(Fe)	0-0.001 (%)
Heavy metal (as Pb)	0-0.005 (%)
Purity(Titration by KMNO ₄)	98-100 (%)
Appearance (A112449)	White to Off-White Solid, Powder, or Crystals
ICP:Confirms Sulfur Component	Confirmed
X-Ray Diffraction	Conforms to Structure
Titration Acid	0-40 (meq/kg)

PARAMETER	SPECIFICATION / LIMIT
Chloride and Chlorate(as Cl)	0-0.001 (%)