



CERTIFICATE OF ANALYSIS

Product	Ammonium persulfate [APS]
Grade	ACS
Product Code	AB0072
Formula	$(\text{NH}_4)_2\text{S}_2\text{O}_8$
MW	228.2
CAS#	7727-54-0
Lot No	

Test Items	Specifications	Results
Appearance	White to Colorless Crystalline Solid	
Assay	$\geq 98.0\%$	
Solubility (1% W/V in water)	Complete, Clear Solution	
Insoluble Matter	$\leq 0.005\%$	
Residue After ignition	$\leq 0.05\%$	
Titratable Free Acid	≤ 0.04 meq/g	
Chloride & Chlorate (as Cl)	$\leq 0.001\%$	
Heavy Metals as Lead	$\leq 0.005\%$	
Iron	$\leq 0.001\%$	
Manganese	≤ 0.5 ppm	

Storage: R.T.