



Specification for Ammonium Sulfate, USP, ACS, Pyrogen Free, bioCERTIFIED (TM) (A9400)

Item Number	A9400
Item	Ammonium Sulfate, USP, ACS, Pyrogen Free, bioCERTIFIED (TM)
CAS Number	7783-20-2
Molecular Formula	(NH ₄) ₂ SO ₄
Molecular Weight	132.14
MDL Number	
Synonyms	Sulfuric Acid Diammonium Salt

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY [(NH ₄) ₂ SO ₄]	99.0	100.5 %
pH OF A 5% SOLUTION @ 25°C	5.0	6.0
INSOLUBLE MATTER		0.005 %
RESIDUE AFTER IGNITION		0.005 %
CHLORIDE (Cl)		5 ppm
NITRATE (NO ₃)		0.001 %
PHOSPHATE (PO ₄)		5 ppm
HEAVY METALS (by ICP-OES)		5 ppm
IRON (Fe)		5 ppm
ELEMENTAL IMPURITIES		AS REPORTED
MICROBIAL LIMITS		
TAMC		1000 CFU/g
TYMC		10 CFU/g
ENDOTOXINS		10 IU/g
IDENTIFICATION		TO PASS TEST
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

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