



## Specification for Ammonium Sulfate, Crystal, Reagent, ACS (A1245)

Item Number	A1245
Item	Ammonium Sulfate, Crystal, Reagent, ACS
CAS Number	7783-20-2
Molecular Formula	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>
Molecular Weight	132.14
MDL Number	
Synonyms	Sulfuric Acid Diammonium Salt

Test	Specification	
	Min	Max
ASSAY	99.0 %	
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 <sub>3</sub> )		0.001 %
PHOSPHATE (PO <sub>4</sub> )		5 ppm
HEAVY METALS (as Pb)		5 ppm
IRON (Fe)		5 ppm

### *Spectrum Chemical Mfg Corp*

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