



Specification for Ammonium Phosphate, Monobasic, Crystal, Reagent, ACS (A1235)

Item Number	A1235
Item	Ammonium Phosphate, Monobasic, Crystal, Reagent, ACS
CAS Number	7722-76-1
Molecular Formula	$\text{NH}_4\text{H}_2\text{PO}_4$
Molecular Weight	115.03
MDL Number	
Synonyms	Ammonium Dihydrogen Phosphate ; Monoammonium Phosphate

Test	Specification	
	Min	Max
ASSAY ($\text{NH}_4\text{H}_2\text{PO}_4$)	98.0 %	
pH OF A 5% SOLUTION @ 25°C	3.8 - 4.4	
INSOLUBLE MATTER		0.005 %
CHLORIDE (Cl)		5 ppm
NITRATE (NO_3)		0.001 %
SULFATE		0.01 %
HEAVY METALS (as Pb)		5 ppm
IRON (Fe)		0.001 %
CALCIUM (Ca)		0.001 %
MAGNESIUM (Mg)		0.0005 %
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.005 %
EXPIRATION DATE		

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