



## Specification for Ferric Ammonium Sulfate, Dodecahydrate, Crystal, Reagent, ACS (F1005)

Item Number	F1005
Item	Ferric Ammonium Sulfate, Dodecahydrate, Crystal, Reagent, ACS
CAS Number	7783-83-7
Molecular Formula	$\text{FeNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
Molecular Weight	482.20
MDL Number	
Synonyms	Ammonium Iron (III) Sulfate

Test	Specification	
	Min	Max
ASSAY [ $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ ]	98.5 - 102.0 %	
INSOLUBLE MATTER		0.01 %
CHLORIDE (Cl)		0.001 %
NITRATE ( $\text{NO}_3$ )		0.01 %
CALCIUM (Ca)		0.01 %
COPPER (Cu)		0.003 %
MAGNESIUM (Mg)		0.005 %
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.02 %
ZINC (Zn)		0.003 %
FERROUS IRON ( $\text{Fe}^0$ )	TO PASS TEST(limit about 0.001 %)	

### *Spectrum Chemical Mfg Corp*

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