

**PRODUCT SPECIFICATION**

**Printed:** 2/10/2014

**Catalog :** F1005

Ferric Ammonium Sulfate, Dodecahydrate, Crystal, Reagent, ACS

**CAS# :** 7783-83-7

**Formula :** H4FeNO8S2[12H2O

**Formula Weight :** 482.20

**Test**

**Limit  
Min. Max.**

Test	Limit Min. Max.
ASSAY [NH <sub>4</sub> ] <sub>2</sub> Fe(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O	98.5 - 102.0 %
INSOLUBLE MATTER	-- 0.01 %
CHLORIDE (Cl)	-- 0.001 %
NITRATE (NO <sub>3</sub> )	-- 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 (Fe [d])	TO PASS TEST(limit about 0.001 %)