

**NAME AND CODE****Ammonium Sulfate ACS Crystals**

Code: 2030

**CHEMICAL FORMULA** $(\text{NH}_4)_2\text{SO}_4$ 

Mol. Weight 132.14

**CAS NUMBER**

7783-20-2

**USE**

Laboratory reagent or buffer

**DESCRIPTION**

White crystals

**CHEMICAL SPECIFICATION****TESTS****SPECIFICATIONS**

Assay  
pH of a 5% Solution  
Insoluble Matter  
ROI  
Chloride (Cl)  
Nitrate (NO<sub>3</sub>)  
Phosphate  
Heavy Metals (as Pb)  
Iron (Fe)

99.0% minimum  
5.0 – 6.0  
0.005% maximum  
0.005% maximum  
5 ppm maximum  
0.001% maximum  
5 ppm maximum  
5 ppm maximum  
5 ppm maximum

**CONTAINERS**

50 kg / 110 lb. fiber drums; 25 kilogram packs EU only

**STORAGE**

Store in a clean, dry warehouse in the original unopened containers.

**REVISION DATE**

05/21/09