

**NAME AND CODE****Ammonium Sulfate NF Crystals**

Code: 2031

**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**

ID Test Ammonium	Pass
ID Test Sulfate	Pass
Assay	99.0% - 100.5%
pH of a 5% Solution	5.0 – 6.0
Insoluble Matter	0.005% maximum
ROI	0.005% maximum
Chloride (Cl)	5 ppm maximum
Nitrate (NO <sub>3</sub> )	0.001% maximum
Phosphate	5 ppm maximum
Iron (Fe)	5 ppm maximum

Microbial Test Results

Aerobic Plate Count	1000 cfu /gram max.
Yeast and Mold	10 cfu / gram max.
Total Coliforms	Negative

**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