

**NAME AND CODE****Ammonium Phosphate Monobasic ACS Crystals**

Code: 2020

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

Mol. Weight 115.03

**CAS NUMBER**

7722-76-1

**USE**

Laboratory reagent or buffer

**DESCRIPTION**

White crystals

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

Assay	98.0% minimum
pH of a 5% Solution	3.8-4.4 at 25°C
Insoluble matter	0.005% maximum
Chloride (Cl)	5 ppm maximum
Nitrate (NO <sub>3</sub> )	0.001% maximum
Sulfur compounds (as SO <sub>4</sub> )	0.01% maximum
Heavy Metals (as Pb)	5 ppm maximum
Iron (Fe)	0.001% maximum
Potassium (K)	0.005% maximum
Sodium (Na)	0.005% maximum
Calcium	0.001% maximum
Magnesium	5 ppm maximum

**CONTAINERS**

150 lb. fiber drums; 25 kilogram packs EU only

**STORAGE**

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

**REVISION DATE**

12/20/05