

**NAME AND CODE****Ammonium Phosphate Dibasic ACS Granulated**

Code 2024

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

Mol. Weight 132.1

**CAS NUMBER**

7783-28-0

**USE**

Laboratory reagent or buffer

**DESCRIPTION**

White granulated crystals

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

Assay	98.0% minimum
pH of 5% solution @25°C	7.7 - 8.1
Insoluble Matter	0.005% maximum
Chloride (Cl)	0.001% maximum
Nitrate (NO <sub>3</sub> )	0.003% maximum
Sulfur Compounds	0.01% maximum
Heavy Metals (as Pb)	0.001% 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**

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**

01/30/06