

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

Code: 2025

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 crystals

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

Assay	98.0% minimum
pH of 5% solution	7.7-8.1 @ 25°C
Insoluble Matter	0.005% maximum
Chloride (Cl)	0.001% maximum
Nitrate (NO ₃)	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

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