

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

Code: 2026

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

Mol. Weight 132.1

CAS NUMBER

7783-28-0

USE

Laboratory reagent; Pharmaceutical buffer

DESCRIPTION

White crystals

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

Test for Ammonium

Positive

Test for Phosphate

Positive

Assay

96.0-102.0%

pH of 1% Solution

7.6-8.2

Chloride (Cl)

0.03% maximum

Arsenic (As)

3 ppm maximum

Heavy Metals (as Pb)

0.001% maximum

Sulfate (SO₄)

0.15% maximum

Microbial Test Results

Aerobic Plate Count

1000 cfu / gram maximum

Yeast and Mold Count

100 cfu / gram maximum

Total Coliforms

Negative

CONTAINERS

150 lb. fiber drums; 25 kilogram packs EU only

STORAGE

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

REVISION DATE

11/05/08