



Product Specification

Product Name: di-AMMONIUM HYDROGEN PHOSPHATE AR

Alternate Name(s)

Ammonium phosphate, dibasic; ammonium phosphate, secondary; di-ammonium hydrogen phosphate; diammonium phosphate; di-ammonium

Description

White crystals or powder.

Properties

Chemical Formula: $(\text{NH}_4)_2\text{HPO}_4$

Molecular Weight: 132.06

Product Code: AA032

CAS No. 7783-28-0

General Information:

Insoluble in alcohol. Incompatible with sodium hypochlorite. Non combustible material. See MSDS 1CHRW for further safety information.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: CPZA7ALN

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.005%
pH of a 5% solution	7.7-8.1
Chlorides (Cl)	≤ 0.0005%
Nitrates (NO ₃)	≤ 0.001%
Sulfates (SO ₄)	≤ 0.004%
Heavy metals (as Pb)	≤ 0.0005%
Calcium (Ca)	≤ 0.001%
Iron (Fe)	≤ 0.001%
Potassium (K)	≤ 0.001%
Magnesium (Mg)	≤ 0.0005%
Sodium (Na)	≤ 0.001%

CONFORMS TO ACS

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