



Product Specification

cdhfinechemical.com

AMMONIUM PHOSPHATE MONOBASIC AR/ACS

PRODUCT CODE	H02945
SYNONYMS	Ammonium Dihydrogen Ortho Phosphate
C.I. NO.	—
CASR NO.	7722-76-1
ATOMIC OR MOLECULAR FORMULA	NH_4PO_4
ATOMIC OR MOLECULAR WEIGHT	115.03
PROPERTIES	Mildly acid in reaction. Noncombustible.



• NH₃

PARAMETER	LIMIT
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Description	Colourless crystals or a white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Acidimetric)	99.0%
pH of (5% soln in CO ₂ free water)	4.0-4.5

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Chloride (Cl)	0.0005%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.0005%
Calcium (Ca)	0.001%
Magnesium (Mg)	0.0005%
Nitrate (NO ₃)	0.001%
Copper (Cu)	0.0005%
Potassium (K)	0.005%
Sodium (Na)	0.005%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --