
Ammonium phosphate monobasic, Hi-AR®/ACS

GRM3886

Product Identifier

CAS No.	:	7722-76-1
EC No.	:	231-764-5
Molecular Formula	:	NH ₄ H ₂ PO ₄
Molecular Weight	:	115.03
Synonym	:	Ammonium dihydrogen phosphate, Hi-AR®/ACS
HS Code	:	3105 40 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white crystals or powder or chunks or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	3.80 - 4.40
Chloride (Cl)	:	<= 0.0005%
Magnesium (Mg)	:	<= 0.0005%
Calcium (Ca)	:	<= 0.001%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.001%
Sulphate (SO ₄)	:	<= 0.01%
Insoluble matter	:	<= 0.005%
Sodium (Na)	:	<= 0.005%
Nitrate	:	<= 0.001%
Potassium (K)	:	<= 0.005%
Assay (NaOH Titration)	:	98.00 - 103.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1