

## Ammonium phosphate dibasic, Hi-AR<sup>®</sup>

**GRM1271**


### Product Identifier

CAS No.	:	7783-28-0
EC No.	:	231-987-8
Molecular Formula	:	(NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub>
Molecular Weight	:	132.06
Synonym	:	Diammonium hydrogen phosphate, Hi-AR <sup>®</sup>
HS Code	:	3105 30 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)	:	7.80 - 8.50
Arsenic acid	:	<= 0.00005%
Chloride (Cl)	:	<= 0.0003%
Copper (Cu)	:	<= 0.001%
Water insoluble matter	:	<= 0.003%
Iron (Fe)	:	<= 0.001%
Lead (Pb)	:	<= 0.001%
Nitrate	:	<= 0.001%
Potassium (K)	:	<= 0.005%
Sodium (Na)	:	<= 0.002%
Sulfate (SO <sub>4</sub> )	:	<= 0.01%
Assay (HCl Titration)	:	min. 97.50%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1

