
Sodium phosphate dibasic dihydrate, Hi-AR[®]

GRM257

Product Identifier

CAS No.	:	10028-24-7
EC No.	:	231-448-7
Molecular Formula	:	Na ₂ HPO ₄ ·2H ₂ O
Molecular Weight	:	177.99
Synonym	:	di-Sodium hydrogen phosphate dihydrate, Hi-AR [®]
HS Code	:	2835 22 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to almost white hygroscopic crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	8.80 - 9.40
Chloride (Cl)	:	<= 0.001%
Copper (Cu)	:	<= 0.0005%
Iron (Fe)	:	<= 0.001%
Lead (Pb)	:	<= 0.0005%
Nitrogen compounds (N)	:	<= 0.002%
Potassium (K)	:	<= 0.005%
Sulfate (SO ₄)	:	<= 0.005%
Water insoluble matter	:	<= 0.005%
Loss on drying (at 120°C, 4hr)	:	18.00 - 22.00%
Assay (HCl Titration)	:	99.50 - 101.00%

Safety Information

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