
Sodium phosphate monobasic dihydrate, Hi-AR[®]

GRM1255

Product Identifier

CAS No.	:	13472-35-0
EC No.	:	231-449-2
Molecular Formula	:	NaH ₂ PO ₄ ·2H ₂ O
Molecular Weight	:	156.01
Synonym	:	Sodium dihydrogen phosphate dihydrate, Hi-AR [®]
HS Code	:	2835 22 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to almost white crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	4.00 - 4.50
Calcium (Ca)	:	<= 0.002%
Chloride (Cl)	:	<= 0.001%
Copper (Cu)	:	<= 0.0002%
Iron (Fe)	:	<= 0.001%
Lead (Pb)	:	<= 0.0002%
Magnesium (Mg)	:	<= 0.001%
Potassium (K)	:	<= 0.005%
Sulfate (SO ₄)	:	<= 0.005%
Water insoluble matter	:	<= 0.01%
Assay (NaOH Titration)	:	99.00 - 100.50%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	WA1900500
WGK	:	1