
Sodium phosphate monobasic monohydrate, Hi-AR[®]/ACS GRM3963

Product Identifier

CAS No.	:	10049-21-5
EC No.	:	231-449-2
Molecular Formula	:	NaH ₂ PO ₄ ·H ₂ O
Molecular Weight	:	137.99
HS Code	:	2835 22 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	4.10 - 4.50
Chloride (Cl)	:	<= 0.0005%
Calcium (Ca)	:	<= 0.005%
Heavy metals (as Pb)	:	<= 0.001%
Iron (Fe)	:	<= 0.001%
Sulfate (SO ₄)	:	<= 0.003%
Potassium (K)	:	<= 0.01%
Water insoluble matter	:	<= 0.01%
Assay (NaOH Titration)	:	98.00 - 102.00%

Safety Information

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