



Product Specification

SODIUM DIHYDROGEN ORTHO PHOSPHATE DIHYDRATE FOR HPLC

PRODUCT CODE	771000
SYNONYMS	(Sodium phosphate monobasic dihydrate)
C.I. NO.	--
CASR NO.	(13472-35-0)
ATOMIC OR MOLECULAR FORMULA	NaH ₂ PO ₄ .2H ₂ O
ATOMIC OR MOLECULAR WEIGHT	156.01
PROPERTIES	--

NaH₂PO₄.2H₂O

PARAMETER	LIMIT
Description	Colourless crystals or white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	99.00%
pH of (5% soln.in water)	4.2 – 4.5

MAXIMUM LIMIT OF IMPURITIES

Abs. of 0.5M soln. in water :	0.05
at 250 nm	0.05
at 280 nm	
Insoluble matter	0.01%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.0002%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code :

UN No. :

IATA :

Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-----