



Product Specification

cdhfinechemical.com

DI-SODIUM HYDROGEN ORTHOPHOSPHATE DIHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	986400
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10028-24-7)
ATOMIC OR MOLECULAR FORMULA	Na₂HPO₄.2H₂O
ATOMIC OR MOLECULAR WEIGHT	177.99
PROPERTIES	--
PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	0.5M in water is clear and colourless.
Minimum Assay(Acidimetric)	99.0%
pH of (0.5M in water)	8.9 – 9.2
MAXIMUM LIMIT OF IMPURITIES	
Absorbance of 0.5M soln.in Water	
at 260 nm	0.03
at 280 nm	0.03
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Dnases, Rnases,Proteases,Phosphatases	None detected.
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : Causes mild skin irritation .Causes eye irritation Precautionary statements Prevention :Wash thoroughly after handling. Response :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/attention.	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) :	