



# Product Specification

cdhfinechemical.com

## DI-SODIUM HYDROGEN ORTHOPHOSPHATE DIHYDRATE FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>986400</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(10028-24-7)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Na<sub>2</sub>HPO<sub>4</sub>.2H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>177.99</b>
<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>
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
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Absorbance of 0.5M <a href="#">soln.in</a> Water	
at 260 nm	0.05
at 280 nm	0.05
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Sulphate (SO <sub>4</sub> )	0.005%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Dnases, Rnases, Proteases, Phosphatases	None detected.
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements :</b> Causes mild skin irritation .Causes eye irritation <b>Precautionary statements</b> <b>Prevention :</b> Wash thoroughly after handling. <b>Response :</b> 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 :
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	
<b>Hazard Pictogram(s) :</b>	

Replace date 05-Sep-2023