



# Product Specification

cdhfinechemical.com

## DI-SODIUM HYDROGEN ORTHO PHOSPHATE DIHYDRATE PURIFIED

<b>PRODUCT CODE</b>	<b>030157</b>	
<b>SYNONYMS</b>	(Sodium phosphate dibasic dihydrate) (Sorensen's salt)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(10028-24-7)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	Na <sub>2</sub> HPO <sub>4</sub> ·2H <sub>2</sub> O	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	177.99	<b>Na<sub>2</sub>HPO<sub>4</sub>·2H<sub>2</sub>O</b>
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Colourless crystals /crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric; dried substance)	99.0%	
pH (of 5% Aq. solution)	7.5-9.2	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying (at 120°C, 4 hours)	18.0-22.0%	
Chloride (Cl)	0.02%	
Sulphate (SO <sub>4</sub> )	0.1%	
Iron (Fe)	0.01%	
Lead (Pb)	0.01%	
<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 20-07-2020