

DI-SODIUM HYDROGEN ORTHOPHOSPHATE ANHYDROUS FOR MOLECULAR BIOLOGY

PRODUCT CODE	986350	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7558-79-4)	
ATOMIC OR MOLECULAR FORMULA	Na ₂ HPO ₄	Na ₂ HPO ₄
ATOMIC OR MOLECULAR WEIGHT	141.96	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	White crystalline powder.	
Solubility	5% solution in water is clear and colourless.	
Minimum Assay (Acidimetric; after drying)	99.5%	
pH of (0.5M in water)	8.7 – 9.3	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 110°C)	0.5%	
Absorbance of (0.1 M) soln.in water		
at 260 nm	0.05	
at 280 nm	0.05	
Insoluble matter	0.01%	
Chloride (Cl)	0.002%	
Sulphate (SO ₄)	0.005%	
Copper (Cu)	0.0005%	
Iron (Fe)	0.001%	
Heavy metals (as Pb)	0.001%	
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) :--		

Replace date 03-Dec-2025