



Product Specification

cdhfinechemical.com

di-POTASSIUM HYDROGEN ORTHOPHOSPHATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	972300	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7758-11-4)	
ATOMIC OR MOLECULAR FORMULA	K₂HPO₄	K₂HPO₄
ATOMIC OR MOLECULAR WEIGHT	174.18	
PROPERTIES	Strongly alkaline. Insoluble in alcohol.	
PARAMETER	LIMIT	
Description	White crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric)	99.5%	
MAXIMUM LIMIT OF IMPURITIES		
Chloride (Cl)	0.003%	
Iron (Fe)	0.001%	
Abs. (A 0.1 mol/L/cm) at 260 nm	0.01	
Abs. (A 0.1 mol/L/cm) at 280 nm	0.01	
Heavy metals (as Pb)	0.0005%	
DNase, RNase, Protease & Phosphatases	None detected.	
Note(s) : Assay (if applicable) method mentioned.		
WARNING Hazard statements :May cause long lasting harmful effects to aquatic life. Causes serious eye irritation. Precautionary statements Prevention: Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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) :--		
 GHS07		