

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
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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.

<p>WARNING</p> <p>Hazard statements : May cause long lasting harmful effects to aquatic life. Causes serious eye irritation.</p> <p>Precautionary statements</p> <p>Prevention: Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>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.</p>	<p>IMDG Code :</p> <p>UN No. :</p> <p>IATA :</p>
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

<p>Hazard Pictogram(s) :--</p> <div style="text-align: center;">  <p>GHS07</p> </div>
