


di-POTASSIUM HYDROGEN ORTHO PHOSPHATE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	764500	
SYNONYMS	(Potassium phosphate dibasic)	
C.I. NO.	--	
CASR NO.	(7758-11-4)	
ATOMIC OR MOLECULAR FORMULA	K₂HPO₄	K₂HPO₄
ATOMIC OR MOLECULAR WEIGHT	174.18	
PROPERTIES	Hygroscopic.	
PARAMETER	LIMIT	
Description	A white hygroscopic crystals or crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric)	99.0%	
pH (5% solution)	8.5 - 9.5	
MAXIMUM LIMIT OF IMPURITIES		
Abs. of 0.25M soln. in water from :at 250 nm to 280 nm	0.03	
Loss on drying (at 105°C)	1.0%	
Insoluble matter	0.01%	
Chloride (Cl)	0.003%	
Sulphate (SO ₄)	0.005%	
Iron (Fe)	0.0005%	
Note(s) :Assay (if applicable) method mentioned.		
WARNING		IMDG Code : --
Hazard statements : May cause long lasting harmful effects to aquatic life. Causes serious eye irritation.		UN No. :--
Precautionary statements		IATA :--
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		
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		

Replace date 12-Jan-2026