

di-POTASSIUM HYDROGEN ORTHO PHOSPHATE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	764500
SYNOMYS	(Potassium phosphate dibasic)
C.I. NO.	--
CASR NO.	(7758-11-4)
ATOMIC OR MOLECULAR FORMULA	K_2HPO_4
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 : -- UN No. :-- IATA :--
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	
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