



Product Specification

cdhfinechemical.com

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 (10% in water, at 25°C)	8.7 – 9.3	

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

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.

IMDG Code : --

UN No. : --

IATA : --

Hazard Pictogram(s) :



GHS07