




# Product Specification

cdhfinechemical.com

## di-POTASSIUM HYDROGEN ORTHOPHOSPHATE (DIBASIC) ANHYDROUS HIPURE TYPE I

PRODUCT CODE	H59954	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7758-11-4)	
ATOMIC OR MOLECULAR FORMULA	K <sub>2</sub> HPO <sub>4</sub>	K <sub>2</sub> HPO <sub>4</sub>
ATOMIC OR MOLECULAR WEIGHT	174.18	
PROPERTIES	Hygroscopic.	
PARAMETER	LIMIT	
Description	A white hygroscopic crystals / crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric)	99.5%	
pH (5% aq. solution)	8.5 - 9.6	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.01%	
Loss on drying	1%	
Chloride (Cl)	0.001%	
Sulphate (SO <sub>4</sub> )	0.005%	
Iron (Fe)	0.001%	
Heavy metals (Pb)	0.0005%	
Copper (Cu)	0.0005%	
Sodium (Na)	0.05%	
Nitrogen compounds	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
<b>WARNING</b> <b>Hazard statements</b> :May cause long lasting harmful effects to aquatic life. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention</b> :Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response</b> :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. <b>Disposal</b> : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		IMDG Code : I UN No. : IATA :
<b>Hazard Pictogram(s) :--</b>  GHS07		

Replace Date 12-Jan-2026