



Product Specification

cdhfinechemical.com

di-POTASSIUM HYDROGEN ORTHOPHOSPHATE (DIBASIC) ANHYDROUS HIPURE TYPE II

PRODUCT CODE	H59963	
SYNONYMS	--	
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 / crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Assay (alkalimetric, calculated on dried substance)	98.0-100.5%	
Identity	Passes test	
Appearance of solution	Passes test	
pH value (5% solution)	8.5 - 9.6	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble substances	0.2%	
Carbonate	Passes test	
Chloride (Cl)	0.02%	
Fluoride (F)	0.001%	
Sulphate(SO ₄)	0.1%	
Aluminium (Al)	0.0005%	
Arsenic (As)	0.0002%	
Iron (Fe)	0.0010%	
Sodium (Na)	1.5%	
Sodium (Na)	Passes test	
Potassium dihydrogen phosphate	2.5%	
Potassium dihydrogen phosphate and tri potassium phosphate	Passes test	
Residual solvents (ICH Q3C)	Excluded by manufacturing process	
Reducing substances	Passes test	
Loss in drying (130°C)	1.0%	
Endotoxins	2.5 I.U/g	
Total aerobic microbial count	100 CFU/g	
Total yeast and mould count	100 CFU/g	
DNases (Exo-and endonucleases) (not detectable)	Passes test	
RNases (not detectable)	Passes test	
Proteases (not detectable)	Passes test	



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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.

IMDG Code :

UN No. :

IATA :

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