



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	K_2HPO_4
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 (Acidimetric)	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



Product Specification

cdhfinechemical.com

Note(s) : Assay (if applicable) method mentioned.	
WARNING	
Hazard statements : May cause long lasting harmful effects to aquatic life. Causes serious eye irritation.	IMDG Code :
Precautionary statements	UN No. :
Prevention : Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.	IATA :
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