

POTASSIUM CHLORIDE AR MEETS ANALYTICAL SPECIFICATION OF IP, BP, PH.EUR

PRODUCT CODE	612375	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7447-40-7)	
ATOMIC OR MOLECULAR FORMULA	KCl	KCl
ATOMIC OR MOLECULAR WEIGHT	74.55	
PROPERTIES	Insoluble in ether, acetone, hydrochloric acid.	
PARAMETER	LIMIT	
Description	Colourless crystals/white crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Identification	Passes test.	
Minimum Assay	99.5%	
pH of (5% w/v aqueous solution)	5.0 - 8.0	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 150°C)	0.2%	
Insoluble matter	0.005%	
Sulphate (SO ₄)	0.003%	
Barium (Ba)	0.001%	
Bromide (Br)	0.01%	
Iodide (I)	0.002%	
Phosphate (PO ₄)	0.0005%	
Calcium (Ca)	0.002%	
Iron (Fe)	0.0003%	
Heavy metals (Pb)	0.0005%	
Magnesium (Mg)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING Hazard statements :Harmful if swallowed. Causes eye irritation. Precautionary statements Prevention :Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. 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. Specific treatment: refer to Label or MSDS.		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		

Replace date 17-Oct-2025